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GENERAL REVIEW
OF THE
MANUFACTURING INDUSTRIES OF CANADA
1949

EDMOND CLOUTIER, C.M.G., O.A., D.S.P.
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OF THE

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1949

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THE MANUFACTURING INDUSTRIES OF CANADA, 1949

In this report the manufacturing industries of Canada are dealt with in two Parts. Part I gives general analyses including the historical development of manufacturing; detailed treatment of current production under various groupings and by individual industries; and principal factors in manufacturing production such as capital, employment, salaries and wages, size of establishment, and power and fuel. Part II deals with the provincial and local distribution of manufacturing production.

With regard to historical development, it is impossible to give absolutely comparable statistics over a long period of years. From 1870 to 1915 statistics were collected only in connection with decennial or quinquennial censuses, and there was inevitably some variation in the information collected. The annual Census of Manufactures was instituted in 1917 and while numerous changes have been made since then in the information collected and the treatment of the data, an effort has been made to carry all major revisions, in so far as possible, back to 1917, so that the figures for the period since then are on a reasonably comparable basis.

Canada ranks among the important manufacturing countries of the world, and holds a dominant position in the export of many manufactured products. The forward movement in development has been the result of three great influences: first, the opening of the west at the beginning of the present century which greatly increased the demand for manufactured goods of all kinds, especially construction materials; secondly, World War I which left a permanent imprint upon the variety and efficiency of Canadian manufacturing plants; and thirdly, World War II with its insatiable demands for food and manufactured products of all kinds. The situation created during World War II as a result of Canada's strategic position as a source of food and armaments had far-reaching effects on the magnitude and diversification of Canadian manufacturing production, and Canada, with greatly increased skills and plant capacity, has now entered a new era in manufacturing development.

Canada to-day is the third largest trader in the world and in manufacturing is now outranked by only half a dozen nations. Even this appears to be only the beginning as new discoveries have a new vista on industrial potentials that challenge the imagination. The World War II expansion in aluminum, chemicals and machine tools laid the foundation for current developments. Entire new industries have been built up to manufacture products that have previously been imported, such as for example, roller bearings, magnesium, synthetic rubber, optical glass, penicillin and sulpha drugs. Over the past ten years high and constantly growing capital investment has transformed the magnitude and variety of manufacturing enterprise. New investment during the past few years amounted to two and one half times the pre-war rate and in monetary terms was five times as great as in 1939.

The discovery of oil at Leduc, Alberta, in February 1947 altered Canada's industrial destiny. Canada's output of oil had been dwindling and more than 90 p.c. of Canada's needs having to be imported, with a consequent heavy drain on holdings of U.S. currency. In the three years following the Leduc strike, Canada's oil reserves jumped from 35 million barrels to 1.2 billion barrels and potential output rose to approximately 145,000 barrels a day or 40 p.c. of Canadian consumption. Developments in the oil industry of Alberta have been closely paralleled by developments in natural gas. Expansion in this industry, too, has been nothing short of spectacular. Consumption of natural gas in North America has more than doubled since 1940. In the past five years, household, commercial and industrial sales have risen about 55 p.c. Natural gas is already the cheapest source of energy for many purposes. When natural gas is available in large quantities and at relatively low prices, it plays an important role in manufacturing production. Another new source of industrial wealth lies in the huge iron deposits on the Quebec-Labrador boundry, 320 miles north of the St. Lawrence River. The Labrador formation is greater than the Mesabi range in the United States and covers a known area of 225 by 60 miles. More than 400 million tons of ore have already been proven and plans call for production by 1955 at an annual rate of 10 million tons. Oil, gas and iron will transform the base of Canadian industry and widen the horizon for manufactured goods.

The manufacturing industries of Canada in 1949 established a record in gross value of production with a total of $12,479,593,300. This includes the value of manufactured products reported by Newfoundland amounting to $67,264,282. By excluding Newfoundland, the increase in gross value was 4.5 per cent over the previous year and 37 per cent over the maximum war production attained in 1944. The major part of this increase, however, was due to increased prices of partly and fully manufactured products, and only a minor part, to an actual increase in the volume. The number of employees at 1,164,273, exclusive of Newfoundland which reported 6,934, although representing an increase of 0.8 per cent over the previous year, was still 76,795 below the record number employed in 1943. Salary and wage payments at $2,591,890,657 ($2,576,404,321 exclusive of Newfoundland) were the highest on record and exceeded the previous high reported in 1948 by $166,594,530.

Two major changes were adopted in the compilation of manufacturing statistics for 1949. First, the compilations contain for the first time statistics for Newfoundland, and second, there was also a change in the system of classifying industries. Under the Standard Classification adopted in 1949, the industries are grouped into seventeen major groups listed below:

1. Food and beverages
2. Tobacco and tobacco products
3. Rubber products
4. Leather products
5. Textile products (except clothing)
6. Clothing (textile and fur)
7. Wood products
8. Paper products
9. Printing, publishing and allied industries
10. Iron and steel products
11. Transportation equipment
12. Non-ferrous metal products
13. Electrical apparatus and supplies
14. Non-metallic mineral products
15. Products of petroleum and coal
16. Chemicals and allied products
17. Miscellaneous manufacturing industries

instead of the following nine groups used in the component material classification.

1. Vegetable products
2. Animal products
3. Textiles and textile products
4. Wood and paper products
5. Iron and its products
6. Non-ferrous metal products
7. Non-metallic mineral products
8. Chemicals and allied products
9. Miscellaneous industries

Some industries were broken down such as the electrical apparatus and supplies industry which now comprises five industries (a) batteries, (b) heavy electrical machinery, (c) radios and radio parts, (d) refrigerators, vacuum cleaners and appliances, and (e) miscellaneous electrical products. In some cases establishments were transferred from one industry to another in order to bring them in line with the new industries which were established. Where an industry was eliminated the establishments were transferred to one or several other industries, depending on the nature of the principal products manufactured. A check was also made of each establishment and many transfers were made where the major products of the establishment had materially changed during the past few years. All these changes make it practically impossible to evaluate industry changes between 1948 and 1949.

To allow of a comparison with 1948 the industries for that year were recompiled on the new basis. The percentage changes in employment, salaries and wages paid, and gross value of production are given in the Table below wherever the comparability of the groups remained more or less unchanged by the various changes mentioned in the preceding paragraph.

Manufacturing establishments in 1949 numbered 35,792. They furnished employment to 1,171,207 persons who received $2,591,890,657 in salaries and wages and produced goods with a selling value at the factory of $12,479,593,300 from materials costing $6,843,231,064. The value added by manufacture amounted to $5,330,566,434.

From the point of view of employment which more closely reflects changes in the physical volume of production than any other factor, the petroleum and coal products group with an increase of 6·4 per cent reported the greatest increase in production. The chemical products group came second with 4.5 per cent; followed by electrical apparatus and supplies with 3.8 per cent; textile products (except clothing) 3.2 per cent; non-metallic mineral products 3.2 per cent; clothing (textile and fur) 2.3 per cent; tobacco and tobacco products 2.2 per cent; transportation equipment 2.1 per cent; leather products 1.8 per cent; and food and beverages 0.1 per cent. Several groups reported reduced activity. The greatest decline was reported by the rubber products group with a drop of 4.5 per cent in the number of employees; followed by iron and steel products with 3.8 per cent; paper products 3.4 per cent; wood products 3.3 per cent; and non-ferrous metal products 1.9 per cent. No comparisons can be made for printing, publishing and allied trades or the miscellaneous industries group.

Percentage changes in manufacturing production of each province from 1944 (the wartime high) to 1949 and from 1948 to 1949 were as follows:

Province	1949 Compared with 1944			1949 Compared with 1948		
	Number of employees	Salaries and wages	Gross value of products	Number of employees	Salaries and wages	Gross value of products
Newfoundland	—	—	—	—	—	—
Prince Edward Island	- 2.2	+25.9	+69.2	-0.7	+ 2.8	+6.1
Nova Scotia	- 22.5	- 8.8	+21.1	-3.4	+ 4.1	+0.6
New Brunswick	+ 1.2	+36.7	+52.2	-3.6	+ 0.7	-1.3
Quebec	- 8.0	+21.2	+29.3	+1.8	+ 7.1	+5.3
Ontario	- 1.3	+33.8	+40.6	+1.0	+ 7.8	+6.3
Manitoba	+ 2.5	+37.2	+34.7	+3.4	+ 8.6	+2.7
Saskatchewan	- 12.3	+25.8	+23.0	-1.0	+ 5.9	-2.5
Alberta	+19.1	+65.9	+47.1	+2.9	+10.8	+1.6
British Columbia	- 13.7	+ 9.9	+46.2	-4.2	+ 1.2	-2.7
Totals[1]	**- 4.8**	**+26.9**	**+36.7**	**+0.8**	**+ 6.9**	**+4.5**

1. Exclusive of Newfoundland.

PART I. GENERAL ANALYSES OF MANUFACTURING

Section 1. Growth of Manufacturing

Tables 1 to 3 give a picture of the growth of manufacturing, in general, as shown by comparable principal statistics, i.e., establishments, capital, employees, salaries and wages paid, cost of materials and values of products. A number of interesting comparisons are made in Table 4 and figures of consumption are given in Table 5.

TABLE 1. Summary Statistics of Manufactures, 1917-49

Note. Statistics of manufacturing from 1870 have been published, but between that year and 1917 they are not on a comparable basis to the series given below. They will be found in Table 1 in the 1942 edition of this report. Statistics of the non-ferrous metal smelting industries were included in manufactures for the first time in 1925.

Year	Establishments	Capital	Employees	Salaries and wages	Cost of materials	Net value of products[1]	Gross value of products
	No.	$	No.	$	$	$	$
1917	21,845	2,333,991,229	606,523	497,801,844	1,539,678,811	1,281,131,980	2,820,810,791
1918	21,777	2,518,197,329	602,179	567,991,171	1,827,631,548	1,399,794,849	3,227,426,397
1919	22,083	2,670,559,435	594,066	601,715,668	1,779,056,765	1,442,400,638	3,221,457,403
1920	22,532	2,923,667,011	598,893	717,493,876	2,085,271,649	1,621,273,348	3,706,544,997
1921	20,848	2,697,858,073	438,555	497,399,761	1,365,292,885	1,123,694,263	2,488,987,148
1922	21,016	2,667,493,290	456,256	489,397,230	1,272,651,585	1,103,266,106	2,375,197,691
1923	21,080	2,788,051,630	506,203	549,529,631	1,456,595,367	1,206,332,107	2,662,927,474
1924	20,709	2,895,317,508	487,610	534,467,675	1,422,573,946	1,075,458,459	2,570,561,931
1925[2]	20,981	3,065,730,916	522,924	569,944,442	1,571,788,252	1,167,936,726	2,816,864,958
1926[2]	21,301	3,208,071,197	559,161	625,682,242	1,712,519,991	1,305,168,549	3,100,604,637
1927[2]	21,501	3,454,825,529	595,052	662,705,332	1,741,128,711	1,427,649,292	3,257,214,876
1928[2]	21,973	3,804,062,566	631,429	721,471,634	1,894,027,188	1,597,887,676	3,582,345,302
1929[2]	22,216	4,004,892,009	666,531	777,291,217	2,029,670,813	1,755,386,937	3,883,446,116
1930[2]	22,618	4,041,030,475	614,696	697,555,378	1,664,787,763	1,522,737,125	3,280,236,603
1931	23,083	3,705,701,893	528,640	587,566,990	1,221,911,982	1,252,017,248	2,555,126,448
1932	23,102	3,380,475,509	468,833	473,601,716	954,381,097	955,960,724	1,980,471,543
1933	23,780	3,279,259,838	468,658	436,247,824	967,788,928	919,671,181	1,954,075,785
1934	24,209	3,249,348,864	519,812	503,851,055	1,229,513,621	1,087,301,742	2,393,692,729
1935	24,034	3,216,403,127	556,664	559,467,777	1,419,146,217	1,153,485,104	2,653,911,209
1936	24,202	3,271,263,531	594,359	612,071,434	1,624,213,996	1,289,592,672	3,002,403,814
1937	24,834	3,465,227,831	660,451	721,727,037	2,006,926,787	1,508,924,867	3,625,459,500
1938	25,200	3,485,683,018	642,016	705,668,589	1,807,478,028	1,428,286,778	3,337,681,366
1939	24,805	3,647,024,449	658,114	737,811,153	1,836,159,375	1,531,051,901	3,474,783,528
1940	25,513	4,095,716,836	762,244	920,872,865	2,449,721,903	1,942,471,238	4,529,173,316
1941	26,293	4,905,503,966	961,178	1,264,862,643	3,296,547,019	2,605,119,788	6,076,308,124
1942	27,862	5,488,785,545	1,152,091	1,682,804,842	4,037,102,725	3,309,973,758	7,553,794,972
1943	27,652	6,317,166,727	1,241,068	1,987,292,384	4,690,493,083	3,816,413,541	8,732,860,999
1944	28,483	[3]	1,222,882	2,029,621,370	4,832,333,356	4,015,776,010	9,073,692,519
1945	29,050	[3]	1,119,372	1,845,773,449	4,473,668,847	3,564,315,899	8,250,368,866
1946	31,249	[3]	1,058,156	1,740,687,254	4,358,234,766	3,467,004,980	8,035,692,471
1947	32,734	[3]	1,131,750	2,085,925,966	5,534,280,019	4,292,055,802	10,081,026,580
1948	33,420	[3]	1,155,721	2,409,368,190	6,632,881,628	4,938,786,981	11,875,169,685
1949[4]	35,792	[3]	1,171,207	2,591,890,657	6,843,231,064	5,330,566,434	12,479,593,300

1. For 1924 and subsequent years the net value of production is computed by subtracting the cost of fuel and electricity and the cost of materials from the gross value. Figures prior to 1924 are not comparable because statistics for cost of electricity are not available.
2. A change in the method of computing the number of wage-earners in the years 1925 to 1930, inclusive, increased the number somewhat over that which the method otherwise used would have given. In 1931, however, the method in force prior to 1925 was re-adopted.
3. Not collected.
4. Includes Newfoundland.

TABLE 2. Summary Statistics of Manufactures, by Provinces, Significant Years, 1917-49

Province and Year	Establishments	Capital	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
	No.	$	No.	$	$	$	$
Newfoundland:							
1949	793	[3]	6,934	15,436,336	31,228,173	32,918,776	67,264,282
Prince Edward Island:							
1917	411	2,008,082	1,556	663,251	3,087,621	1,750,135	4,837,756
1920	370	2,328,686	1,287	855,210	4,164,223	2,135,857	6,300,080
1929[2]	263	2,646,354	2,074	727,286	2,862,725	1,466,446	4,408,608
1933	249	2,256,307	991	529,684	1,590,834	1,126,826	2,775,787
1937	240	2,637,472	1,062	607,547	2,386,091	1,117,298	3,566,991
1939	222	2,682,900	1,088	617,945	2,239,117	1,243,979	3,543,681
1944	241	[3]	1,786	1,694,763	6,993,510	3,570,835	10,713,644
1945	234	[3]	1,851	1,679,212	8,242,949	3,178,434	11,592,753
1946	246	[3]	1,755	1,651,469	7,582,046	3,469,435	11,200,310
1947	260	[3]	1,906	1,938,467	8,610,332	3,849,353	12,653,451
1948	254	[3]	1,759	2,073,985	12,634,785	4,217,680	17,074,084
1949	251	[3]	1,747	2,133,555	13,537,144	4,338,320	18,123,200

TABLE 2. Summary Statistics of Manufactures, by Provinces, Significant Years, 1917-49—Continued

Province and Year	Establishments	Capital	Employees	Salaries and wages	Cost of materials	Net value of products[1]	Gross value of products
	No.	$	No.	$	$	$	$
Nova Scotia:							
1917	1,337	124,357,851	25,252	18,838,051	102,415,215	57,565,703	159,980,918
1920	1,345	135,679,188	23,425	25,625,089	85,724,785	61,371,243	147,096,028
1929[2]	1,094	118,951,398	19,986	16,905,835	50,725,562	35,676,421	89,787,548
1933	1,277	92,004,624	12,211	9,604,680	25,354,319	19,988,257	47,912,432
1937	1,135	94,756,601	18,088	16,727,338	46,964,053	33,146,796	84,393,656
1939	1,083	101,954,082	17,627	16,651,685	43,332,195	35,885,563	83,139,572
1944	1,281	[3]	37,812	59,940,411	103,463,123	93,376,638	204,421,664
1945	1,297	[3]	33,423	51,703,245	107,860,539	84,358,189	199,775,177
1946	1,397	[3]	29,724	43,060,259	100,354,480	71,738,873	178,793,420
1947	1,480	[3]	30,285	46,113,036	111,354,221	84,935,517	204,219,433
1948	1,440	[3]	30,348	52,553,200	140,761,593	95,774,483	246,111,683
1949	1,480	[3]	29,311	54,686,577	135,841,899	102,294,298	247,592,389
New Brunswick:							
1917	943	60,300,907	19,710	12,893,014	32,380,621	27,027,725	59,408,346
1920	901	101,216,395	19,007	19,266,821	60,812,641	45,803,164	106,615,805
1929[2]	803	91,376,948	17,952	15,127,716	39,800,366	26,640,786	68,145,012
1933	747	90,148,317	11,336	9,308,100	20,442,421	18,166,713	41,345,622
1937	805	89,797,597	15,612	14,563,310	36,983,284	28,770,727	69,479,207
1939	803	91,171,323	14,501	13,659,162	35,617,614	27,041,195	66,058,151
1944	937	[3]	23,164	32,345,080	83,993,599	62,258,478	152,106,577
1945	889	[3]	22,503	32,408,048	87,235,347	63,380,075	156,623,378
1946	993	[3]	22,732	33,151,919	96,389,299	67,783,377	170,753,741
1947	1,061	[3]	24,181	39,583,393	116,491,443	83,487,984	208,366,438
1948	1,067	[3]	24,325	43,918,687	134,410,529	91,404,150	234,579,684
1949	1,060	[3]	23,446	44,219,819	131,804,253	91,187,375	231,506,191
Quebec:							
1917	7,032	662,012,975	188,043	141,008,616	385,212,984	380,882,409	766,095,393
1920	7,530	878,859,638	183,748	202,516,550	553,558,520	499,643,217	1,053,201,737
1929[2]	6,948	1,246,208,650	206,580	225,226,808	537,270,055	537,796,395	1,108,592,775
1933	7,856	1,035,339,591	157,481	134,696,386	292,560,568	288,504,782	604,496,078
1937	8,518	1,117,772,721	219,033	216,971,207	562,889,160	445,885,666	1,046,470,796
1939	8,373	1,182,538,441	220,321	223,757,767	536,823,039	470,385,279	1,045,757,585
1944	9,656	[3]	424,115	668,156,053	1,494,253,053	1,350,519,134	2,929,685,183
1945	10,038	[3]	384,031	607,473,443	1,307,534,193	1,149,390,919	2,531,903,830
1946	10,818	[3]	357,276	565,986,105	1,297,009,099	1,125,991,848	2,497,971,521
1947	11,223	[3]	379,449	662,837,614	1,601,055,840	1,324,397,690	3,017,049,422
1948	11,107	[3]	383,835	756,078,652	1,954,111,943	1,533,796,259	3,598,870,345
1949	11,579	[3]	390,275	809,579,270	2,027,793,643	1,651,629,668	3,788,497,123
Ontario:							
1917	9,061	1,157,850,643	299,389	258,393,065	794,556,502	662,174,261	1,456,730,763
1920	9,113	1,464,097,346	295,674	362,941,317	1,071,843,374	792,267,562	1,864,110,936
1929[2]	9,348	1,986,736,556	328,533	406,622,627	1,056,530,202	916,971,816	2,020,492,433
1933	9,542	1,587,947,947	224,816	220,530,088	464,544,563	465,103,842	958,776,858
1937	9,796	1,674,806,201	321,743	373,018,048	1,025,871,741	804,703,114	1,880,388,188
1939	9,824	1,762,571,669	318,871	378,376,209	907,011,461	791,428,569	1,745,674,707
1944	10,731	[3]	564,392	975,038,060	2,310,347,858	1,930,043,913	4,339,797,784
1945	10,869	[3]	518,056	882,483,387	2,148,290,603	1,720,938,199	3,965,069,021
1946	11,424	[3]	498,120	845,216,547	2,001,900,592	1,659,284,622	3,754,523,701
1947	11,860	[3]	537,581	1,037,976,714	2,651,697,573	2,136,014,184	4,903,472,526
1948	12,118	[3]	551,556	1,210,438,044	3,118,084,345	2,486,007,774	5,742,269,854
1949	12,951	[3]	557,190	1,305,544,434	3,256,454,918	2,708,554,013	6,103,804,834
Manitoba:							
1917	732	82,566,858	18,939	16,513,423	69,715,149	42,280,801	111,995,950
1920	747	94,424,145	23,728	32,372,081	92,729,271	62,776,912	155,506,183
1929[2]	861	121,363,898	24,012	31,224,596	87,832,324	63,925,015	155,266,294
1933	1,010	100,074,404	18,871	18,687,430	44,579,998	37,390,275	83,934,777
1937	1,043	119,363,026	23,706	27,198,978	87,684,514	49,950,465	140,805,451
1939	1,087	119,659,365	23,910	28,444,798	82,408,293	48,810,544	134,293,595
1944	1,290	[4]	40,937	62,758,081	226,234,925	120,339,926	352,334,594
1945	1,302	[4]	38,367	59,814,109	216,114,576	117,775,126	339,821,283
1946	1,357	[4]	38,367	61,018,345	223,096,935	122,780,805	351,887,099
1947	1,413	[4]	39,378	68,972,653	236,936,343	139,373,521	383,130,281
1948	1,399	[4]	40,522	79,230,931	296,606,269	157,426,179	461,974,200
1949	1,520	[4]	41,956	86,088,380	299,101,498	167,335,495	474,681,912

TABLE 2. Summary Statistics of Manufactures, by Provinces, Significant Years, 1917-49—Concluded

Province and Year	Establishments	Capital	Employees	Salaries and wages	Cost of materials	Net value of products[1]	Gross value of products
	No.	$	No.	$	$	$	$
Saskatchewan:							
1917	560	24,372,585	6,230	5,403,332	22,040,674	13,894,179	35,934,853
1920	554	24,640,520	6,709	9,571,175	34,894,105	22,610,861	57,504,966
1929[2]	594	43,925,797	7,025	9,105,597	51,003,566	23,002,952	75,368,605
1933	673	38,688,433	4,782	4,848,763	19,124,030	11,478,634	31,559,387
1937	689	39,279,050	6,107	6,758,154	43,782,999	17,068,655	62,205,884
1939	737	37,654,095	6,475	7,346,127	38,782,135	20,283,273	60,650,589
1944	1,054	[4]	12,361	17,703,103	131,215,017	40,833,333	175,349,234
1945	926	[4]	11,617	16,905,606	126,279,202	38,275,127	167,688,133
1946	955	[4]	11,957	17,956,317	126,595,761	38,459,630	168,356,619
1947	1,001	[4]	11,723	19,661,970	151,449,021	41,480,520	196,452,199
1948	926	[4]	10,950	21,038,911	172,423,275	45,053,786	221,363,603
1949	962	[4]	10,841	22,273,942	164,349,341	47,356,949	215,742,708
Alberta:							
1917	636	49,146,241	9,461	8,662,417	42,632,212	23,883,673	66,515,885
1920	666	48,310,655	10,955	15,210,628	56,139,646	29,812,891	85,952,537
1929[2]	736	81,875,952	12,216	14,585,734	62,500,175	36,824,969	100,966,196
1933	874	69,604,563	9,753	9,573,468	29,425,975	18,876,929	49,395,514
1937	895	70,804,070	12,524	13,903,062	55,898,599	28,923,095	86,225,069
1939	961	73,284,225	12,712	14,977,700	53,151,149	32,618,153	87,474,080
1944	1,165	[4]	22,186	33,227,729	172,082,537	77,415,753	252,949,894
1945	1,157	[4]	21,486	32,760,326	166,198,136	78,547,626	248,287,504
1946	1,315	[4]	22,649	34,939,088	169,425,176	83,735,011	257,031,867
1947	1,382	[4]	23,941	41,246,171	202,324,036	89,289,825	296,054,129
1948	1,567	[4]	25,690	49,735,336	253,754,967	107,124,387	366,079,501
1949	1,685	[4]	26,425	55,115,554	251,364,059	114,681,296	371,995,120
British Columbia:							
1917[3]	1,133	171,375,087	37,943	35,426,675	87,637,833	71,673,094	159,310,927
1920[3]	1,306	174,110,438	34,360	49,135,005	125,405,084	104,851,641	230,256,725
1929[2, 3]	1,569	311,806,456	48,153	57,764,968	141,145,838	113,082,137	260,418,645
1933[3]	1,552	263,195,652	28,417	28,469,225	70,166,220	59,034,923	133,879,330
1937[3]	1,713	256,011,093	42,576	51,979,393	144,466,346	99,359,051	251,924,258
1939	1,710	274,969,502	42,554	53,881,994	136,655,872	103,263,292	247,948,600
1944	2,116	[4]	96,062	178,639,118	303,560,016	337,137,197	655,844,689
1945	2,326	[4]	87,974	160,419,133	305,759,836	307,954,519	628,903,124
1946	2,731	[4]	75,484	137,506,645	335,708,533	293,352,652	644,527,898
1947	3,040	[4]	83,161	167,282,667	453,670,677	388,702,173	858,284,592
1948	3,525	[4]	86,599	193,954,224	549,275,003	417,600,758	985,516,621
1949	3,493	[4]	82,934	196,403,722	531,112,329	409,665,348	959,008,088
Yukon and N.W.T.:							
1939	5	538,847	55	97,766	138,500	92,054	242,968
1944	12	[4]	67	118,972	189,718	280,803	489,256
1945	12	[4]	64	126,940	153,466	517,685	704,663
1946	13	[4]	92	200,560	172,845	408,727	646,295
1947	14	[4]	145	313,281	690,533	525,030	1,344,109
1948	17	[4]	137	346,220	818,919	379,525	1,330,110
1949	18	[4]	148	359,068	643,807	604,896	1,377,453

1. See footnote 1, Table 1.
2. See footnote 2, Table 1.
3. Includes Yukon.
4. Not collected.

TABLE 3. Summary Statistics of Manufactures, by Industrial Groups, 1945-49

Industrial Group and Year	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
	No.	No.	$	$	$	$
Food and beverages:						
1945	8,872	156,396	224,908,632	1,336,820,028	558,247,045	1,921,774,601
1946	8,862	160,821	241,769,865	1,403,818,069	604,120,647	2,040,708,650
1947	8,869	167,865	276,245,015	1,656,529,086	695,092,932	2,383,975,675
1948	8,686	168,893	311,235,818	2,034,844,290	766,434,971	2,839,531,142
1949	8,558	170,024	332,536,319	2,009,246,062	834,017,547	2,882,581,753
Tobacco and tobacco products:						
1945	86	12,164	15,738,041	79,176,519	42,985,992	122,543,932
1946	95	10,849	14,410,558	79,255,405	39,981,625	119,634,216
1947	91	10,880	16,234,772	97,121,002	49,221,094	146,793,011
1948	79	10,459	19,550,563	95,851,271	57,666,963	153,993,442
1949	72	10,686	21,896,378	113,357,196	58,529,226	172,420,213
Rubber products:						
1945	55	23,490	39,111,477	78,500,892	98,836,225	181,413,226
1946	60	22,055	37,813,363	62,135,578	93,451,248	159,408,113
1947	60	23,475	46,613,893	82,934,625	110,673,007	196,307,734
1948	56	21,703	48,273,015	84,223,731	106,999,669	194,111,934
1949	62	20,729	48,172,207	73,895,718	101,705,513	178,503,559

TABLE 3. Summary Statistics of Manufactures, by Industrial Groups, 1945-49 — Concluded

Industrial Group and Year	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
	No.	No.	$	$	$	$
Leather products:						
1945	706	34,123	43,268,635	95,006,015	71,297,713	167,888,463
1946	776	37,290	49,712,628	108,702,945	82,319,495	192,749,456
1947	792	35,724	52,628,612	123,894,474	86,646,061	212,430,165
1948	757	34,291	55,122,863	114,819,233	86,947,703	203,758,501
1949	747	34,900	59,699,886	117,869,462	91,157,684	210,804,174
Textile products: (except clothing)						
1945	664	66,011	88,372,939	217,289,281	165,689,522	391,182,025
1946	720	67,366	95,637,733	215,853,616	178,852,730	402,966,184
1947	747	73,979	116,228,736	289,986,732	215,170,493	514,844,838
1948	722	75,816	141,002,245	331,943,622	261,774,544	604,946,333
1949	847	77,773	156,166,554	339,644,950	285,641,367	636,824,130
Clothing: (textile and fur)						
1945	2,676	99,959	131,478,496	251,899,847	222,307,384	476,754,319
1946	2,988	105,868	146,265,152	285,568,957	263,018,398	551,331,576
1947	3,121	110,329	166,951,727	311,018,817	300,527,093	614,594,703
1948	3,100	115,105	191,866,371	361,216,438	345,028,807	709,688,704
1949	3,058	117,752	206,512,782	371,128,833	352,741,236	727,498,836
Wood products						
1945	7,656	93,209	119,833,932	240,482,275	208,979,657	454,447,165
1946	8,846	105,472	142,338,538	297,923,979	256,436,946	560,341,251
1947	9,744	120,434	186,467,946	398,854,196	365,050,223	771,403,332
1948	10,495	124,306	214,741,924	428,913,571	401,401,795	839,045,068
1949	11,191	121,632	224,902,644	436,637,453	393,928,753	840,355,634
Paper products:						
1945	475	60,819	109,627,174	255,265,326	241,121,150	536,859,861
1946	486	67,442	134,320,546	313,410,656	333,819,710	695,085,534
1947	502	73,445	168,632,394	410,456,570	443,374,435	911,238,813
1948	522	75,980	197,397,810	485,237,427	509,993,037	1,061,359,807
1949	524	76,471	208,348,621	494,300,501	532,288,636	1,093,060,326
Printing publishing and allied trades:						
1945	2,312	43,565	74,257,775	52,655,848	132,385,988	186,945,134
1946	2,404	48,950	86,433,880	65,501,698	154,951,731	222,548,636
1947	2,458	52,096	101,611,652	82,585,466	178,667,051	263,632,152
1948	2,496	54,541	119,087,977	96,384,499	208,208,175	307,345,914
1949[1]	3,866	61,834	141,489,984	124,684,351	250,162,704	377,908,182
Iron and steel products:						
1945	1,903	169,278	313,966,173	395,624,098	527,473,688	952,482,150
1946	2,086	151,373	279,567,770	337,981,814	461,501,765	824,766,017
1947	2,200	162,399	334,044,246	451,289,335	580,342,444	1,064,654,410
1948	2,263	170,071	400,878,271	570,290,989	709,347,226	1,320,527,400
1949	2,347	163,622	413,227,553	619,499,256	760,934,249	1,419,145,725
Transportation equipment:						
1945	504	154,844	326,748,794	498,241,686	523,910,119	1,034,666,913
1946	539	100,745	200,097,765	301,206,839	279,333,127	590,128,311
1947	562	104,348	230,898,680	426,573,091	366,151,761	803,611,372
1948	578	101,816	255,504,526	509,910,825	419,133,597	941,483,906
1949	596	104,750	270,852,111	584,064,330	466,529,164	1,063,211,331
Non-ferrous metal products:						
1945	436	44,221	81,889,942	337,872,041	180,653,076	548,853,026
1946	474	40,855	75,855,699	311,082,975	148,492,336	484,618,453
1947	503	43,344	91,046,568	434,517,197	201,162,856	668,074,514
1948	503	46,048	108,778,616	556,238,618	248,225,806	844,598,154
1949	532	44,698	114,591,106	537,218,214	289,125,045	867,043,028
Electrical apparatus and supplies:						
1945	247	44,129	76,468,795	92,041,030	135,919,899	230,531,874
1946	266	43,998	74,510,479	101,939,272	129,968,926	234,572,653
1947	296	52,736	103,891,016	162,131,266	200,859,040	366,506,203
1948	314	53,873	122,113,644	180,344,829	241,333,960	425,725,279
1949	365	55,916	137,278,521	212,460,413	269,341,983	486,286,355
Non-metallic mineral products:						
1945	700	20,269	32,959,877	41,488,955	76,318,456	130,704,796
1946	833	24,387	39,651,286	49,957,966	94,591,439	160,476,827
1947	863	26,443	50,456,143	66,266,546	115,277,990	201,786,910
1948	934	27,278	58,816,381	72,577,633	134,897,744	232,148,324
1949	1,020	28,139	64,594,354	78,401,065	143,872,615	246,457,799
Products of petroleum and coal:						
1945	80	11,532	22,904,418	188,899,911	65,637,131	270,166,984
1946	77	12,106	24,197,354	190,527,903	79,046,757	286,007,855
1947	80	12,769	28,689,932	257,420,851	84,073,746	361,333,008
1948	75	13,678	34,766,341	369,035,161	97,064,006	491,961,894
1949	77	14,552	39,783,500	391,036,128	117,819,090	533,730,719
Chemicals and allied products:						
1945	986	61,339	107,050,824	228,855,956	252,944,165	498,630,798
1946	1,031	38,012	67,842,339	179,749,719	208,399,498	401,741,703
1947	1,046	39,237	78,993,517	238,310,157	234,056,973	438,307,293
1948	1,026	39,548	89,325,771	293,041,874	268,818,222	579,827,509
1949	1,037	41,328	100,690,662	280,008,945	288,171,551	587,398,215
Miscellaneous industries:						
1945	692	24,024	37,187,275	83,549,139	59,608,689	144,523,599
1946	706	20,567	30,262,299	48,617,375	58,718,602	108,607,036
1947	800	22,247	36,291,117	44,390,608	65,708,603	111,532,447
1948	814	22,315	40,906,054	48,007,617	75,510,756	125,116,374
1949	893	26,401	51,147,475	59,778,187	94,609,066	156,363,321

1. Increase is due to the inclusion for the first time of 1,332 establishments who publish periodicals without doing any printing.

The figures in Table 4 trace the tendencies in Canadian manufacturing industries as clearly as possible from 1917 to 1948. In analysing statistics of production and materials used, price changes should be borne in mind, particularly the inflation of values in the years immediately following World War 1, the drop in prices of commodities during the depressions following 1921 and 1930, and the increases again in the recent war and post-war period. The figure that shows most clearly the trend of development is concerned with the use of power. The total horse-power employed increased from 1,658,475 in 1917 to 8,159,414 in 1948, an advance of about 392 p.c. in 31 years. In the same period, horse-power per wage-earner showed an interrupted trend from 3.06 to 10.82 in 1933 and 9.46 in 1939. With the large increase in the number of wage-earners on war production, and the more efficient utilization of the equipment available, the horse-power per wage-earner dropped to 6.28 in 1944; the increasing installation of power machinery and the decline in employment after the War resulted in a rise to 8.52 in 1948. The significant feature is the increase in both the absolute figures of power employed and the averages per wage-earner during the depression years as compared with 1929, although the large numbers of persons again finding employment since 1933 reduced the averages for the years 1934 to 1937 and again for 1940 to 1945. Other interesting comparisons are the trend of value added by manufacture, per employee, and of average salaries and wages paid since 1929.

TABLE 4. Significant Statistics of Manufactures for Certain Years, 1917-49

Item		1917	1920	1929[1]	1933
Establishments	No.	21,845	22,532	22,216	23,780
Totals, employees	No.	606,523	598,893	666,531	468,658
Averages per establishment	No.	27.8	26.6	30.0	19.7
Totals, salaries and wages	$	497,801,844	717,493,876	777,291,217	436,247,824
Averages, per establishment	$	22,788	31,843	34,988	18,345
Averages, per employee	$	821	1,198	1,166	931
Employees on salaries	No.	64,918	78,334	88,841	86,636
Averages, per establishment	No.	3.0	3.5	4.0	3.6
Salaries	$	85,353,667	141,837,361	175,553,710	139,317,946
Averages, per salaried employee	$	1,315	1,811	1,976	1,608
Employees on wages	No.	541,605	520,559	577,690	382,022
Averages, per establishment	No.	24.8	23.1	26.0	16.1
Wages	$	412,448,177	575,656,515	601,737,507	296,929,878
Averages, per wage-earner	$	762	1,106	1,042	777
Cost of materials	$	1,539,678,811	2,085,271,649	2,029,670,813	967,788,928
Averages, per establishment	$	70,482	92,547	91,361	40,698
Averages, per employee	$	2,539	3,482	3,045	2,065
Values added in manufactures[3]	$	1,281,131,980	1,621,273,348	1,755,386,937	919,671,181
Averages, per establishment[3]	$	58,646	71,954	79,015	38,674
Averages, per employee[3]	$	2,112	2,707	2,634	1,962
Gross value of products	$	2,820,810,791	3,706,544,997	3,883,446,116	1,954,075,785
Averages, per establishment	$	129,128	164,501	174,804	82,173
Averages, per employee	$	4,651	6,189	5,286	4,170
Power employed	H.P.	1,658,475	2,068,875	3,855,648	4,135,008
Averages, per establishment	H.P.	76	92	174	174
Averages, per wage-earner	H.P.	3.06	3.97	6.67	10.82

Item		1939	1944	1948	1949
Establishments	No.	24,805	28,483	33,420	35,792
Totals, employees	No.	658,114	1,222,882	1,155,721	1,171,207
Averages, per establishment	No.	26.5	42.9	34.5	32.7
Totals, salaries and wages	$	737,811,153	2,029,621,370	2,409,368,190	2,591,890,657
Averages, per establishment	$	29,744	71,257	72,093	72,415
Averages, per employee	$	1,121	1,660	2,084	2,213
Employees on salaries	No.	124,772	192,558	198,230	221,551
Averages, per establishment	No.	5.0	6.8	5.9	6.2
Salaries	$	217,839,334	418,065,594	532,594,959	628,427,937
Averages, per salaried employee	$	1,746	2,171	2,686	2,836
Employees on wages	No.	533,342	1,030,324	957,491	949,656
Averages, per establishment	No.	21.5	36.2	28.6	26.5
Wages	$	519,971,819	1,611,555,776	1,876,773,231	1,963,462,720
Averages, per wage-earner	$	975	1,564	1,960	2,068
Cost of materials	$	1,836,159,375	4,832,333,356	6,632,881,628	6,843,231,064
Averages, per establishment	$	74,024	169,657	198,470	191,194
Averages, per employee	$	2,790	3,952	5,739	5,843
Values added in manufactures[3]	$	1,531,051,901	4,015,776,010	4,938,786,981	5,330,566,434
Averages, per establishment[3]	$	61,724	140,989	147,779	148,932
Averages, per employee[3]	$	2,326	3,284	4,273	4,551
Gross value of products	$	3,474,783,528	9,073,692,519	11,875,169,685	12,479,593,300
Averages, per establishment	$	140,084	318,565	355,331	348,670
Averages, per employee	$	5,280	7,420	10,274	10,655
Power employed	H.P.	5,045,287	6,468,439	8,159,414	[2]
Averages, per establishment	H.P.	203	227	244	[2]
Averages, per wage-earner	H.P.	9.46	6.28	8.52	[2]

1. A change in the method of computing the number of wage-earners in the years 1925 to 1930, inclusive, increased the number somewhat over that which the method otherwise used would have given. There was, therefore, a proportionate reduction in the averages for 1925-30 per employee and wage-earner, as compared with what these averages would have been under the other method. In 1931, however, the method in force prior to 1925 was re-adopted. The figures for 1931 and later years are therefore comparable with those for 1924 and earlier years.
2. Not collected in 1949.
3. Net values of products; see footnote 1, Table 1.

Consumption of Manufactured Products.—One of the beneficial results of adopting the same classification for external trade and for production is exhibited in Table 5, where the value of commodities made available for consumption in Canada is derived from these statistics. For example, the value of all manufactured commodities made available in 1949 was $12,506,121,614, a figure obtained by adding to the value of manufactured products the value of the imports of manufactured and partly manufactured goods and deducting the value of the exports. In this table more accurate statistics could be presented were it possible to exclude from the gross value of manufactured products the duplications involved when the products of one manufacturing establishment become the material worked upon in another. Iron, vegetable, wood and paper, textiles and animal products were, in that order, the leading groups in the value of finished products made available for consumption in 1949.

Animal, wood and paper, and non-ferrous metal products were manufactured in Canada in greater quantities than required for home consumption, providing export balances in these groups.

On balance, Canada in the past imported large quantities of iron and steel, textiles, chemicals and non-metallic mineral products in spite of large home production. The expansion of the iron and steel, chemical and non-ferrous metal industries will enable Canada to meet more of her requirements for home consumption and to export greater quantities in the future.

TABLE 5. Consumption of Manufactured Products, 1928-49, and by Industrial Groups, 1949

Year	Value of products manufactured	Manufactured and partly manufactured goods [1]		Value of manufactured products available for consumption
		Value of net imports	Value of domestic exports	
	$	$	$	$
1928	3,582,345,302	954,387,551	698,376,615	3,838,356,238
1929	3,883,446,116	939,130,201	686,876,071	4,135,700,246
1930	3,280,236,603	675,828,233	490,108,470	3,465,956,366
1931	2,555,126,448	423,519,849	347,456,198	2,631,190,099
1932	1,980,471,543	281,855,757	267,765,614	1,994,561,686
1933	1,954,075,785	298,068,344	365,232,113	1,886,912,016
1934	2,393,692,729	357,320,284	419,094,297	2,331,918,716
1935	2,653,911,209	385,597,041	582,041,141	2,457,467,109
1936	3,002,403,814	468,455,981	676,890,803	2,793,968,992
1937	3,625,459,500	566,876,483	781,099,407	3,411,236,576
1938	3,337,681,366	472,193,253	587,758,795	3,222,115,824
1939	3,474,783,528	542,364,930	646,853,938	3,370,294,520
1940	4,529,173,316	807,636,948	913,049,979	4,423,760,285
1941	6,076,308,124	1,123,994,913	1,292,855,603	5,907,447,434
1942	7,553,794,972	1,283,884,068	2,056,368,079	6,781,310,961
1943	8,732,860,999	1,305,838,746	2,444,862,298	7,593,837,447
1944	9,073,692,519	1,302,413,996	2,668,575,781	7,707,530,734
1945	8,250,368,866	1,117,544,874	2,352,441,796	7,015,471,944
1946	8,035,692,471	1,390,123,100	1,701,677,026	7,724,138,545
1947	10,081,026,580	1,928,250,119	2,124,740,343	9,884,536,356
1948	11,876,790,012	1,869,702,089	2,259,247,456	11,487,244,645
Industrial Group, 1949 [2]				
Vegetable products	2,020,565,833	208,548,964	180,882,070	2,048,232,727
Animal products	1,543,930,584	35,899,847	127,515,056	1,452,315,375
Textiles and textile products	1,290,314,474	235,421,446	23,857,906	1,501,878,014
Wood and paper products	2,325,304,849	82,137,555	827,305,826	1,580,136,578
Iron and its products	2,468,376,349	870,232,504	278,747,052	3,059,861,801
Non-ferrous metal products	1,353,329,383	151,466,135	347,147,113	1,157,648,405
Non-metallic mineral products	780,188,518	178,848,865	48,628,990	910,408,393
Chemicals and allied products	536,156,674	129,323,660	70,697,937	594,782,397
Miscellaneous industries	161,426,636	151,704,953	112,273,661	200,857,924
Totals, 1949	**12,479,593,300**	**2,043,583,929**	**2,017,055,615**	**12,506,121,614**

1. Figures for the years 1928-38 are for the fiscal years ended Mar. 31 of the following years; for 1939-49 they are for the calendar year. Net imports are total imports less foreign products re-exported.
2. Consumption figures for the major groups of the Standard Industrial Classification cannot be calculated as statistics of imports and exports are still compiled in the component material classification basis.

Section 2. Value and Volume of Manufactured Products

Value of Manufactured Products.—In the interpretation of manufacturing values over a number of years, variations in the level of prices must be borne in mind. The index number of wholesale prices, on the 1926 base, stood at 114.3 in 1917, 155.9 in 1920, 97.3 in 1922, 95.6 in 1929, 67.1 in 1933, 84.6 in 1937, 75.4 in 1939 and 157.0 p.c. in 1949. Index numbers of the prices of fully or chiefly manufactured goods were: 113.5 in 1917, 156.5 in 1920, 100.4 in 1922, 93.0 in 1929, 70.2 in 1933, 80.5 in 1937, 75.3 in 1939 and 142.3 p.c. in 1949.

Volume of Manufacturing Production.—Since real income is ultimately measured in goods and services, the growth of the volume of manufacturing production, as distinguished from its value, becomes a matter of great significance. The important thing to know is whether consumers are getting more goods and services, not whether they are expending more dollars and cents.

The indexes of volume are based on quantities of manufactured products reported and the industry indexes are weighted according to the values added by manufacture. The indexes for the years 1923-31 are based on the values added in 1926. The weights and products used were changed in 1931, 1936 and then again in 1941. By thus changing the construction of the index every five years, current changes in production are reflected more accurately.

The physical volume of manufacturing production increased 50 p.c. from 1923 to 1929. When it is recalled that the population of Canada is estimated to have increased only 11 p.c. during the same period, the growth of manufacturing production is indeed remarkable. Of this advance, the part resulting from an increase in the domestic demand due to growth of population would therefore be about 11 p.c. Exports of partly and fully manufactured goods increased from $591,830,000 in the fiscal year ended Mar. 31, 1924, to $686,876,000 in the fiscal year 1929-30, the increase in exports representing about 3.6 p.c. of the 1923 production. The remainder of the increase in production by 1929, or a margin equal to roughly 35 p.c. of the volume of manufactures of 1923, was, therefore, apparently absorbed by increases in capital equipment and by the rise in the standard of living of the population of Canada.

A similar analysis of the volume of manufactures since 1929, in relation to population and exports shows that the decline in the depression preceding World War II was due chiefly to reduced exports and a cessation in production of capital equipment. As a result of expansion, during the War, the physical volume of production in 1943, when production was at an all-time high, was 77 p.c. above 1939 and 85 p.c. above 1929. The chemical and allied products group, with an increase of 262 p.c., reported the greatest expansion in output from 1939 to 1943. This was followed by the iron and its products group with an increase of 222 p.c., non-ferrous metal products 130 p.c., miscellaneous industries 68 p.c., non-metallic mineral products 56 p.c., animal products 40 p.c., textiles and textile products 34 p.c., vegetable products 25 p.c., and wood and paper products 21 p.c. There was also an increase in the volume of consumer goods. As was to be expected, the increase was not so great as that for the output of equipment and supplies needed by the Armed Forces. Drink and tobacco increased by 51 p.c., food 27 p.c. and clothing 25 p.c.

In 1946 the index of the physical volume of production at 150.3 represented a drop of 19.9 p.c. from the high mark attained in 1943. Chemicals and allied products had the sharpest decline of 65.2 p.c., followed by iron and its products with 44.7 p.c.; non-ferrous metal products 39.1 p.c.; miscellaneous industries 9.3 p.c.; and textiles and textile products 4.4 p.c. The wood and paper, vegetable, non-metallic mineral and animal products groups on the other hand reported an increase in the volume of production. The volume of consumer goods continued to rise with the books and stationery group reporting an increase of 28.3 p.c., followed by drink and tobacco with 26.3 p.c., personal utilities 25.4 p.c., house furnishings 15.8 p.c., food 11.9 p.c. and clothing 5.0 p.c. Industrial equipment and producers materials were both down with declines of 25.7 and 15.1 p.c. respectively. Vehicles and vessels had the greatest decline of 52.1 p.c.

The indexes for 1940 to 1946 are now being revised in accordance with supplementary information now available. When this is done the indexes for 1947 to 1949 will be computed. Revised indexes up to 1950 will be published in the next issue of this report.

TABLE 6. Indexes of the Volume of Manufacturing Production, According to the Component Material Classification, 1923-46

(1935-39 = 100)

Note. The indexes for 1940 to 1946 are being revised in the light of supplementary information now available.

Year	Vegetable	Animal	Textiles	Wood and paper	Iron	Non-ferrous metal	Non-metallic mineral	Chemicals	Miscellaneous	All Industries
1923	62.6	75.0	64.3	65.1	31.5	42.7	81.8	59.2	99.5	67.5
1924	67.8	80.4	62.1	64.0	68.6	46.4	78.9	60.5	95.0	66.3
1925	75.1	84.8	66.5	69.0	79.9	52.5	80.3	64.8	94.5	72.5
1926	80.2	92.2	75.8	73.1	102.6	58.6	89.6	70.5	104.4	82.5
1927	84.9	90.0	81.4	84.1	104.1	67.6	102.3	75.2	114.2	87.9
1928	93.5	92.9	87.0	92.5	117.1	75.3	116.3	82.7	110.5	95.8
1929	96.4	87.9	86.1	99.6	133.4	81.3	137.1	84.8	105.6	101.4
1930	91.6	85.3	80.0	92.1	103.6	76.8	122.9	74.9	87.8	91.9
1931	83.4	77.4	78.2	76.6	82.8	73.1	105.6	69.2	80.0	79.9
1932	74.1	76.7	74.6	68.0	53.5	58.9	75.1	66.0	75.8	67.6
1933	72.8	79.6	81.1	69.6	50.2	57.6	68.8	69.9	71.9	67.7
1934	82.4	86.5	89.5	81.5	67.6	70.8	82.5	79.3	85.2	79.6
1935	87.0	91.3	94.5	89.5	83.4	81.2	88.1	87.2	91.1	87.9
1936	95.9	98.7	99.9	96.4	93.5	91.5	96.8	93.6	91.7	96.2
1937	104.5	102.7	106.0	109.6	118.1	110.1	111.3	107.3	106.6	108.9
1938	102.4	100.3	94.5	97.8	102.8	106.0	101.6	102.9	105.3	100.8
1939	109.0	107.2	104.9	104.4	101.9	111.1	105.1	108.9	110.7	106.3
1940	117.9	118.7	124.8	117.8	141.2	133.2	127.8	130.2	116.3	125.2
1941	137.2	138.2	143.1	131.3	217.1	165.4	148.8	219.6	157.4	155.9
1942	136.4	145.0	152.4	131.2	289.2	213.7	157.6	369.6	180.2	179.9
1943	135.8	150.5	140.2	126.7	328.3	255.4	163.5	394.8	186.0	187.7
1944	155.0	155.9	136.2	129.1	300.5	229.6	166.5	338.8	192.0	180.8
1945	159.0	159.9	134.7	136.2	247.7	177.6	165.6	257.2	195.6	165.3
1946	166.6	157.0	134.1	155.5	181.7	155.6	176.2	137.3	168.7	150.3

TABLE 7. Indexes of the Volume of Manufacturing Production, According to the Purpose Classification, 1923-46

(1935-39 = 100)

Note. The indexes for 1940 to 1946 are being revised in the light of supplementary information now available.

Year	Food	Clothing	Drink and tobacco	Personal utilities	House furnishings	Books and stationery	Producer materials	Industrial equipment	Vehicles and vessels	Miscellaneous	All Industries
1923	73.7	69.2	50.1	85.1	62.1	56.1	69.3	64.3	77.4	45.0	67.5
1924	79.0	69.3	57.4	81.2	69.4	46.8	65.8	64.2	67.4	47.1	66.3
1925	84.0	74.4	61.0	87.0	67.7	54.8	71.9	69.6	83.3	48.7	72.5
1926	87.0	83.5	65.9	99.6	78.7	60.3	81.6	84.3	108.3	52.9	82.5
1927	85.0	89.0	75.8	105.9	95.0	67.0	86.6	91.7	115.2	55.8	87.9
1928	90.2	96.0	86.0	106.5	98.3	74.1	95.7	101.6	122.6	60.0	95.8
1929	89.4	95.8	92.6	101.5	108.3	79.3	101.3	109.2	142.6	66.2	101.4
1930	91.0	88.5	86.3	84.1	98.8	78.7	90.7	97.0	115.6	55.5	91.9
1931	83.4	85.1	78.0	78.2	85.9	75.0	76.4	82.0	82.7	56.4	79.9
1932	80.6	77.8	67.0	70.3	70.7	76.9	61.2	63.7	56.8	52.6	67.6
1933	79.9	81.7	63.4	70.7	68.7	73.5	63.6	59.2	57.7	59.9	67.7
1934	87.8	87.7	72.7	79.5	79.1	83.6	77.3	73.8	76.6	72.8	79.6
1935	90.5	92.2	82.5	87.6	85.9	93.4	86.2	84.7	90.5	78.6	87.9
1936	98.8	97.9	90.9	94.3	95.4	96.3	97.0	94.9	94.3	87.2	96.2
1937	101.5	103.9	107.6	106.7	110.5	101.7	111.8	113.3	118.0	109.6	108.9
1938	102.4	97.9	107.5	103.0	101.6	103.8	98.0	102.0	99.9	109.1	100.8
1939	107.0	108.2	111.6	108.5	106.5	104.7	106.9	105.1	97.4	115.5	106.3
1940	115.0	119.9	129.7	115.1	120.5	102.8	128.7	138.7	129.5	180.3	125.2
1941	131.7	136.0	149.5	140.0	140.4	112.8	151.1	184.9	230.8	230.8	155.9
1942	130.6	142.7	171.2	144.6	149.4	106.6	172.3	222.8	310.2	430.9	179.9
1943	135.7	134.9	167.9	141.7	149.7	107.2	172.7	257.0	373.0	405.1	187.7
1944	147.5	135.7	193.0	143.9	153.6	110.7	164.4	237.6	369.5	362.4	180.8
1945	149.0	136.7	203.5	158.9	156.1	120.4	152.3	208.6	289.4	257.8	165.3
1946	151.9	141.6	212.0	177.7	173.3	137.5	146.6	191.0	178.6	105.9	150.3

Section 3. Production by Industrial Groups and Individual Industries

For the purpose of the Census of Manufactures, the main detailed analysis was made under a classification in which industries were grouped according to the chief component materials of the goods manufactured. As mentioned in the introduction, two major changes were adopted in the compilation of manufacturing statistics for 1949. In addition to containing statistics for Newfoundland for the first time, the system of classification was also changed. Under the Standard Classification the industries are now grouped into seventeen major groups listed in Table 9, instead of the nine groups listed in Table 11 which were formerly used as the main basis of classification. The grouping used in Table 9 where the statistics of individual industries are presented in detail and in the historical series shown in Table 3, is, therefore, on the basis of the new Standard Industrial Classification. However, to retain some basis of continuity with the past, there is a less detailed analysis given in Table 11 on the component material classification basis, while Table 12 gives the industries on the basis of the origin of the materials used.

Subsection 1. Manufactures Grouped on the Standard Classification Basis

Recent Changes in Manufacturing Production.—Table 8 shows the changes in the nature of manufacturing production since the end of World War II with regard the numbers employed, the salaries and wages paid, and the gross value of products. Owing to price declines during depressions and rises during periods of prosperity, the values of both wages and products are naturally affected more than the number of employees. Furthermore, during periods of curtailed production there is a tendency for wage-earners to be put on part time, while the number of salaried employees responds less quickly to reduction in output than that of wage-earners. Therefore, there are several reasons why the variation in number of employees should be less than that of money values. The figures of Table 8 are to be compared with those of Table 6 which shows changes in volume of production. The number of employees in 1944 increased by 86 p.c. over 1939 as compared with an increase of 70 p.c. in the physical volume of production. Salaries and wages paid were 175 p.c. higher and the gross value of production 161 p.c. higher. Another significant change is the increase in the proportion of women engaged in manufacturing. Whereas in 1939, there were 281 females to every 1,000 males employed, in 1944 this figure jumped to 403.

Significant changes in the nature of manufacturing production took place after the cessation of hostilities in 1945. Industries engaged in war production operated at a substantially lower level, while industries producing consumer goods stepped up their production. From the point of view of employment the chemical and allied products group with a drop of 33 p.c. experienced the greatest decline in production between 1945 and 1949. Transportation equipment which includes aircraft and shipbuilding was second with a drop 32 p.c., followed by tobacco and tobacco products with 12 p.c., rubber goods 12 p.c. and iron and steel products 3 p.c. The non-metallic mineral products group reported the greatest gain in employment with an increase of 39 p.c. followed by printing, publishing and allied trades 31 p.c., wood products 29 p.c., electrical apparatus and supplies 27 p.c., products of petroleum and coal 26 p.c., paper products 21 p.c., textiles (except clothing) 19 p.c., clothing (textile and fur) 18 p.c., food and beverages 8 p.c., leather products 2 p.c. and non-ferrous metal products 1 p.c. For manufacturing as a whole there was an increase of 4 p.c. in the number of employees with an increase of 39 p.c. in the amount of salaries and wages paid. Although there was an increase of 50 p.c. in the gross value of production, the increase in the physical volume was not as marked. This is due to the rise in the wholesale prices of fully and partly manufactured products.

TABLE 8. Percentage Variations in Employment, Salaries and Wages, and Gross Value of Products in the Main Industrial Groups, Compared for Significant Years, 1945-49

Industrial Group	1949 compared with 1945			1949 compared with 1948		
	Employees	Salaries and wages	Gross value of products	Employees	Salaries and wages	Gross value of products
Food and beverages[1]	+ 8.1	+48.5	+ 49.5	+0.1	+ 6.3	+ 1.2
Tobacco and tobacco products	-12.2	+39.1	+ 42.3	+2.2	+12.0	+12.0
Rubber products	-11.8	+23.2	- 1.6	-4.5	- 0.2	- 8.0
Leather products	+ 2.3	+38.0	+ 25.6	+1.8	+ 8.3	+ 3.5
Textile products (except clothing)	+18.9	+78.6	+ 65.1	+3.2	+11.5	+ 6.0
Clothing (textile and fur)	+17.8	+57.1	+ 52.6	+2.3	+ 7.6	+ 2.5
Wood products[1]	+28.9	+86.7	+ 83.9	-3.3	+ 4.2	- 0.4
Paper products[1]	+20.7	+80.5	+ 95.1	-3.4	+ 0.2	- 1.3
Printing, publishing and allied trades[2]	+31.2	+81.2	+ 84.1	+4.9	+13.0	+12.0
Iron and steel products	- 3.4	+31.6	+ 49.0	-3.8	+ 3.1	+ 7.5
Transportation equipment	-32.4	-17.1	+ 2.8	+2.1	+ 5.4	+12.3
Non-ferrous metal products	+ 1.1	+39.9	+ 58.0	-1.9	+ 5.3	+ 2.7
Electrical apparatus and supplies	+26.7	+79.5	+110.9	+3.8	+12.4	+14.2
Non-metallic mineral products	+38.8	+96.0	+ 88.6	+3.2	+ 9.8	+ 6.2
Products of petroleum and coal	+26.2	+73.7	+ 97.6	+6.4	+14.4	+ 8.5
Chemical Products	-32.6	- 6.0	+ 17.8	+4.5	+12.7	+ 1.3
Miscellaneous industries[4]	—	—	—	—	—	—
Averages, all industries[3]	**+ 3.6**	**+39.2**	**+ 50.0**	**+0.8**	**+ 6.9**	**+ 4.5**

1. Exclusive of Newfoundland.
2. Exclusive of "Publishing (only) of Periodicals".
3. Exclusive of Newfoundland and "Publishing (only) of Periodicals".
4. Due to the change of establishments from one industry to another figures for 1949 are not comparable with previous years.

Detailed Statistics by Groups and Individual Industries.— Table 9 presents for the year 1949 detailed statistics regarding the individual industries under which all industrial plants in Canada are classified. The industries are further assembled under seventeen main groups according to the Standard Industrial Classification.

In interpreting the statistics of individual industries it should be remembered that the figures on employment, production, etc., do not refer to individual products but to all the products made in an industry. For example, the value of production of the confectionery industry amounting to $99,424,355 does not imply that this was the value of confectionery produced. What it means is that the firms whose principal product is confectionery, had a value of production of $99,424,355. This figure, in addition to confectionery, includes all the subsidiary products made by these firms, such as ice cream which was valued at $2,415,796 and bread and other bakery products valued at $2,241,564. Confectionery is also produced as a subsidiary product by firms credited to other industrial classifications. For total production figures of individual products, reference should be made to "The Alphabetical List of Products" published annually as Appendix II to this report.

The incidence of the War resulted in a rearrangement in the rank of many industries. Industries producing supplies and equipment for the Armed Forces naturally advanced while those industries producing for the domestic consumer market declined in importance. To supply the raw materials needed by the industries engaged principally in war production, it became necessary to restrict or prohibit the manufacture of many products such as automobiles, radios, washing machines, electrical equipment, household appliances, agricultural implements, etc. Though these industries were forced to change over to wartime production, the changes did not affect the value of their output and consequently their importance as producers of manufactured goods did not alter drastically. To analyse the effects of the War and the conversion to peace-time production on any industry, it is necessary to compare the nature of the products made before and during the War with that of the present. This should be borne in mind in making industrial comparisons of the war years and the present. For example, the number of employees engaged in the agricultural implements industry increased by 8,248 between 1939 and 1945; this in spite of the fact that the output of agricultural implements remained at about the same level. The increase was due to a change-over of some of the plants to war production. It is therefore impossible to trace industrial trends from the principal statistics alone, as published in this report.

TABLE 9. Establishments, Employees, Salaries and Wages, Fuel and

No.	Province, Industry and Group	Establishments	Employees on salary			Employees on wages		
			Male	Female	Salaries	Male	Female	Wages
		No.	No.	No.	$	No.	No.	$
	Province							
1	Newfoundland[1]	793	1,604	252	3,336,775	4,278	800	12,149,561
2	Prince Edward Island	251	382	101	685,087	894	370	1,448,468
3	Nova Scotia	1,480	3,469	949	9,627,619	21,350	3,543	45,058,958
4	New Brunswick	1,060	2,663	901	7,959,966	16,229	3,653	36,259,853
5	Quebec	11,579	51,880	20,166	202,605,273	227,536	90,693	606,973,997
6	Ontario	12,951	73,926	33,941	322,626,810	351,955	97,368	982,917,624
7	Manitoba	1,520	5,656	1,991	20,870,715	26,118	8,191	65,217,665
8	Saskatchewan	962	2,241	796	6,333,357	6,778	1,026	15,940,585
9	Alberta	1,685	4,287	1,311	12,937,715	17,727	3,100	42,177,839
10	British Columbia	3,493	11,366	3,615	41,320,807	59,505	8,448	155,082,915
11	Yukon & North West Territories	18	42	12	123,813	87	7	235,255
12	**Totals**[1]	**35,792**	**157,516**	**64,035**	**628,427,937**	**732,457**	**217,199**	**1,963,462,720**
	Industrial group							
13	Food and beverages[1]	8,558	23,933	9,557	84,349,430	102,345	34,189	248,186,889
14	Tobacco and tobacco products	72	951	503	4,521,508	3,410	5,822	17,374,870
15	Rubber products	62	3,274	1,323	13,673,212	11,976	4,156	34,498,995
16	Leather products	747	2,990	1,230	12,799,466	18,037	12,643	46,900,420
17	Textile products (except clothing)	847	6,649	3,409	32,181,548	41,447	26,268	123,985,006
18	Clothing (textile and fur)	3,058	9,662	6,004	49,071,646	31,577	70,509	157,441,136
19	Wood products	11,191	18,862	2,825	41,307,827	94,698	5,247	183,594,817
20	Paper products	524	9,077	3,573	46,537,336	55,201	8,620	161,811,285
21	Printing, publishing and allied products	3,866	14,516	8,791	55,198,009	29,530	8,997	86,291,975
22	Iron and steel products	2,347	21,541	7,749	90,648,050	127,501	6,831	322,579,503
23	Transportation equipment	596	11,884	3,567	50,643,361	86,154	3,145	220,208,750
24	Non-ferrous metal products	532	5,893	2,476	26,695,908	32,938	3,391	87,895,198
25	Electrical apparatus and supplies	365	9,152	4,105	39,637,021	31,076	11,583	97,641,500
26	Non-metallic mineral products	1,020	3,385	1,073	12,648,921	21,728	1,953	51,945,433
27	Products of petroleum and coal	77	2,961	869	11,874,941	10,631	91	27,908,559
28	Chemical and allied products	1,037	9,404	5,110	41,842,240	21,561	5,253	58,848,422
29	Miscellaneous manufacturing industries	893	3,382	1,871	14,797,513	12,647	8,501	36,349,962
	1. Food and beverages[1]:							
	Bakery products:							
30	Biscuits	52	531	344	2,073,423	2,593	3,247	8,535,223
31	Bread and other bakery products	2,730	3,700	1,180	10,570,235	20,347	6,536	46,982,510
	Beverages:							
32	Aerated waters	484	1,399	425	4,748,359	5,653	335	9,850,845
33	Breweries	64	1,250	392	6,137,157	6,830	180	17,324,280
34	Distilled liquors	20	670	270	3,280,375	2,079	1,014	6,610,591
35	Wines	27	147	59	694,933	308	58	722,925
	Canning and processing:							
36	Fish processing[1]	599	1,209	320	3,211,819	7,315	3,012	13,758,006
37	Fruit and vegetable preparations	473	1,653	828	6,115,375	6,492	6,019	17,748,446
	Dairy products:							
38	Butter and cheese	1,862	3,894	1,738	10,138,229	15,649	1,198	31,474,308
39	Cheese, processed	22	124	54	500,748	343	304	1,173,070
40	Condensed milk	36	206	87	736,242	1,363	96	2,723,929
41	Dairy products, other	42	107	49	369,998	451	143	1,034,079
	Grain mill products:							
42	Feeds, stock and poultry, prepared	485	1,178	442	3,728,375	3,619	117	7,161,162
43	Feed mills	714	651	58	857,244	836	4	1,081,403
44	Flour mills	133	931	413	3,701,468	3,523	166	8,263,932
45	Foods, breakfast	20	120	89	573,742	604	341	1,981,243
	Meat products:							
46	Animal oils and fats	11	32	9	132,953	173	–	376,948
47	Sausage and sausage casings	75	143	43	450,414	404	184	973,361
48	Slaughtering and meat-packing	157	3,409	1,137	13,998,397	13,353	2,687	38,137,783
	Miscellaneous food industries:							
49	Confectionery	206	657	538	3,274,511	3,714	5,408	13,833,138
50	Sugar refining	11	399	118	1,883,882	2,783	287	6,958,901
51	Macaroni and kindred products	16	50	32	243,718	312	158	860,598
52	Malt and malt products	13	90	33	466,942	570	2	1,444,454
53	Starch and glucose	9	180	80	835,700	660	108	1,481,654
54	Miscellaneous foods, n.e.s.	297	1,203	819	5,625,191	2,371	2,585	7,694,100
	Totals, food and beverages	**8,558**	**23,933**	**9,557**	**84,349,430**	**102,345**	**34,189**	**248,186,889**
	2. Tobacco and tobacco products:							
55	Tobacco, cigars and cigarettes	57	737	471	3,706,313	2,657	5,164	15,322,068
56	Tobacco processing and packing	15	214	32	815,195	753	658	2,052,802
	Totals, tobacco and tobacco products	**72**	**951**	**503**	**4,521,508**	**3,410**	**5,822**	**17,374,870**
	3. Rubber products:							
57	Rubber goods, including footwear	62	3,274	1,323	13,673,212	11,976	4,156	34,498,995
	Totals, rubber products	**62**	**3,274**	**1,323**	**13,673,212**	**11,976**	**4,156**	**34,498,995**
	4. Leather products:							
58	Footwear, leather	284	1,706	743	7,322,734	11,023	8,818	29,410,509
59	Gloves and mittens, leather	79	171	72	691,819	645	1,163	2,074,640
60	Leather tanning	70	394	134	2,049,672	3,707	338	8,245,351
	Miscellaneous leather products:							
61	Belting, leather	16	36	20	131,010	139	13	257,117
62	Boot and shoe findings, leather	26	50	18	233,621	257	92	551,667
63	Miscellaneous leather goods	272	633	243	2,370,610	2,266	2,219	6,361,136
	Totals, leather products	**747**	**2,990**	**1,230**	**12,799,466**	**18,037**	**12,643**	**46,900,420**

1. Exclusive of fish processing in Newfoundland.

Power, Materials, and Values of Products of the Manufacturing Industries, 1949

Total employees	Total salaries and wages	Cost of fuel and electricity	Cost of materials	Net value of products	Gross value of products	No.
No.	$	$	$	$	$	
6,934	15,486,336	3,117,333	31,228,173	32,918,776	67,264,282	1
1,747	2,133,555	247,736	13,537,144	4,338,320	18,123,200	2
29,311	54,686,577	9,456,192	135,841,899	102,294,298	247,592,389	3
23,446	44,219,819	8,514,563	131,804,253	91,187,375	231,506,191	4
390,275	809,579,270	109,073,812	2,027,793,643	1,651,629,668	3,788,497,123	5
557,190	1,305,544,434	138,795,903	3,256,454,918	2,708,554,013	6,103,804,834	6
41,956	86,088,380	8,244,919	299,101,498	167,335,495	474,681,912	7
10,841	22,273,942	4,036,418	164,349,341	47,356,949	215,742,708	8
26,425	55,115,554	5,949,765	251,364,059	114,681,296	371,995,120	9
82,934	196,403,722	18,230,411	531,112,329	409,665,348	959,008,088	10
148	359,068	128,750	643,807	604,896	1,377,453	11
1,171,207	**2,591,890,657**	**305,795,802**	**6,843,231,064**	**5,330,566,434**	**12,479,593,300**	12
170,024	332,536,319	39,318,144	2,009,246,062	834,017,547	2,882,581,753	13
10,686	21,896,378	533,791	113,357,196	58,529,226	172,420,213	14
20,729	48,172,207	2,902,328	73,895,718	101,705,513	178,503,559	15
34,900	59,699,886	1,777,028	117,869,462	91,157,684	210,804,174	16
77,773	156,166,554	11,537,813	339,644,950	285,641,367	636,824,130	17
117,752	206,512,782	3,628,767	371,128,833	352,741,236	727,498,836	18
121,632	224,902,644	9,789,423	436,637,453	393,928,758	840,355,634	19
76,471	208,348,621	66,471,189	494,300,501	532,288,636	1,093,060,326	20
61,834	141,489,984	3,061,127	124,684,351	250,162,704	377,908,182	21
163,622	413,227,553	38,712,220	619,499,256	760,934,249	1,419,145,725	22
104,750	270,852,111	12,617,837	584,064,330	466,529,164	1,063,211,331	23
44,698	114,591,106	40,699,769	537,218,214	289,125,045	867,043,028	24
55,916	137,278,521	4,483,959	212,460,413	269,341,983	486,286,355	25
28,139	64,594,354	24,184,119	78,401,065	143,872,615	246,457,799	26
14,552	39,783,500	24,875,501	391,036,128	117,819,090	533,730,719	27
41,328	100,690,662	19,217,719	280,008,945	288,171,551	587,398,215	28
26,401	51,147,475	1,985,068	59,778,187	94,600,066	156,363,321	29
6,715	10,608,646	758,552	28,561,885	30,315,272	59,635,709	30
31,763	57,552,745	6,447,585	102,555,311	94,717,220	203,720,116	31
7,812	14,599,204	1,871,114	32,069,188	51,716,093	85,656,395	32
8,652	23,461,437	2,334,261	37,939,869	102,125,599	142,399,729	33
4,033	9,890,966	1,897,285	28,004,756	46,974,654	76,876,695	34
572	1,417,858	103,790	3,894,965	4,603,118	8,601,873	35
11,856	16,969,825	1,731,085	69,090,041	41,140,022	111,961,148	36
14,992	23,863,821	2,153,996	89,502,037	57,106,291	148,762,324	37
22,479	41,612,537	6,000,090	274,298,757	74,705,184	355,004,031	38
825	1,673,818	80,880	16,083,227	6,534,673	22,698,780	39
1,752	3,460,171	1,431,688	41,931,415	11,341,669	54,704,772	40
750	1,404,077	241,251	4,880,772	3,694,567	8,816,590	41
5,356	10,889,537	1,463,307	125,645,640	24,361,413	151,470,360	42
1,549	1,938,647	465,750	43,202,439	4,820,592	48,488,781	43
~~5,033~~	11,965,400	1,526,578	215,404,869	28,342,755	245,274,202	44
1,154	2,554,985	290,414	8,702,820	9,418,397	18,411,631	45
214	509,901	121,070	935,105	849,100	1,905,275	46
774	1,423,775	149,309	8,260,322	2,730,967	11,140,598	47
20,586	52,136,180	3,649,334	586,241,637	108,059,068	697,950,039	48
10,317	17,107,649	1,021,265	51,001,165	47,401,925	99,424,355	49
3,587	8,842,783	2,891,954	90,172,181	23,703,295	116,767,430	50
552	1,104,316	97,604	3,423,153	2,382,376	5,903,133	51
695	1,911,396	920,433	22,653,080	7,940,511	31,514,024	52
1,028	2,317,354	799,343	10,073,726	5,646,150	16,519,219	53
6,978	13,319,291	870,206	114,717,702	43,386,636	158,974,544	54
170,024	**332,536,319**	**39,318,144**	**2,009,246,062**	**834,017,547**	**2,882,581,753**	
9,029	19,028,381	373,066	59,319,660	53,641,340	113,334,066	55
1,657	2,867,997	160,725	54,037,536	4,887,886	59,086,147	56
10,686	**21,896,378**	**533,791**	**113,357,196**	**58,529,226**	**172,420,213**	
20,729	48,172,207	2,902,328	73,895,718	101,705,513	178,503,559	57
20,729	**48,172,207**	**2,902,328**	**73,895,718**	**101,705,513**	**178,503,559**	
22,290	36,733,243	534,655	61,023,445	54,956,420	116,514,520	58
2,051	2,766,459	47,563	4,840,484	4,495,482	9,383,529	59
4,573	10,295,023	988,646	37,409,211	15,950,581	54,348,438	60
208	388,127	20,896	1,049,869	591,117	1,661,882	61
417	785,288	41,521	1,638,472	1,260,720	2,940,713	62
5,361	8,731,746	143,747	11,907,981	13,903,364	25,955,092	63
34,900	**59,699,886**	**1,777,028**	**117,869,462**	**91,157,684**	**210,804,174**	

TABLE 9. Establishments, Employees, Salaries and Wages, Fuel and

No.	Province, Industry and Group	Establishments	Employees on salary			Employees on wages		
			Male	Female	Salaries	Male	Female	Wages
		No.	No.	No.	$	No.	No.	$
	5. Textile products (except clothing):							
	Cotton goods:							
1	Cotton thread	6	106	57	491,359	183	537	1,060,062
2	Cotton yarn and cloth	53	1,342	759	6,176,505	14,443	8,634	43,187,191
3	Miscellaneous cotton goods	10	39	13	275,295	451	97	1,115,744
	Woollen goods:							
4	Carpets, mats and rugs	23	141	82	793,964	920	598	3,027,750
5	Woollen cloth	89	649	360	3,393,699	5,112	3,915	15,638,219
6	Woollen yarn	49	269	139	1,337,229	1,654	1,859	5,914,337
7	Miscellaneous woollen goods	43	211	99	1,337,634	1,498	386	3,788,802
8	Synthetic textiles and silk	48	1,837	813	8,303,242	9,796	4,382	27,818,342
	Other primary textiles:							
9	Dyeing and finishing of textiles	47	257	109	1,263,189	1,940	205	4,084,155
10	Narrow fabrics	42	222	146	1,164,536	824	898	2,632,869
	Miscellaneous textile products:							
11	Awnings, tents and sails	107	239	81	715,478	530	518	1,572,304
12	Bags, cotton and jute	34	165	82	790,564	359	656	1,420,430
13	Cordage, rope and twine	10	132	58	650,445	700	412	2,155,392
14	Oilcloth, linoleum & other coated fabrics	14	356	174	2,039,458	1,507	272	4,014,060
	Miscellaneous textile goods:							
15	Automobile accessories, fabric	8	94	51	458,512	311	371	1,281,970
16	Embroideries, pleating, hemstitching etc.	129	206	116	940,947	505	884	1,961,317
17	Miscellaneous textiles, n.e.s.	135	384	270	2,049,492	714	1,644	3,312,062
	Totals, textile products (except clothing)	**847**	**6,649**	**3,409**	**32,181,548**	**41,447**	**26,268**	**123,985,006**
	6. Clothing: (textile and fur)							
	Men's, women's and children's clothing:							
18	Clothing, children's factory	144	331	224	1,670,694	895	3,715	5,931,502
19	Clothing, men's, factory	565	2,620	1,628	13,369,459	8,746	20,304	43,974,024
20	Clothing, women's, factory	890	2,447	1,659	13,938,229	6,413	18,610	41,486,163
21	Clothing contractors, men's	137	226	60	680,171	943	2,159	4,176,520
22	Clothing contractors, women's	82	108	29	337,875	198	1,066	1,601,177
	Knitted goods:							
23	Hosiery	113	741	549	4,060,763	3,944	6,119	16,134,235
24	Other knitted goods	177	864	675	4,598,965	3,905	9,645	19,155,332
	Miscellaneous clothing:							
25	Corsets	37	223	352	1,537,941	332	2,549	3,280,872
26	Fur dressing and dyeing	21	109	42	628,890	1,224	295	2,858,743
27	Fur goods	642	1,305	387	4,718,648	2,816	2,192	9,801,931
28	Gloves and mittens, fabric	15	32	29	157,064	79	507	561,586
29	Hats and caps	163	465	258	2,420,978	1,714	2,323	6,583,939
30	Oiled and waterproofed clothing	14	52	25	216,416	141	221	582,057
31	Clothing n.e.s.	58	139	87	735,553	227	804	1,313,055
	Totals, clothing (textile and fur)	**3,058**	**9,662**	**6,004**	**49,071,646**	**31,577**	**70,509**	**157,441,136**
	7. Wood products:							
32	Furniture	1,187	3,089	977	11,454,076	20,887	1,978	42,137,109
	Saw and planing mills:							
33	Flooring, hardwood	26	148	48	647,180	1,409	18	2,593,823
34	Sash, door and planing mills	1,501	2,741	587	7,807,674	14,664	179	26,065,052
35	Sawmills	7,460	10,661	611	14,462,022	43,304	456	82,987,069
36	Veneers and plywoods	40	370	135	1,602,572	4,258	1,067	10,536,566
	Miscellaneous wood products:							
37	Boxes and baskets, wood	188	387	93	1,118,274	3,335	461	5,868,384
38	Coffins and caskets	60	155	51	569,678	979	167	1,862,795
	Other miscellaneous wood industries:							
39	Beekeepers' and poultrymen's supplies	12	17	7	41,013	52	5	80,788
40	Cooperage	183	239	27	376,227	684	5	1,188,368
41	Excelsior	11	23	7	55,056	117	37	218,563
42	Lasts, trees and shoe findings	18	62	38	234,953	377	202	921,914
43	Woodenware	36	68	16	177,905	423	141	814,403
44	Wood turning	84	183	41	516,762	1,126	132	1,896,275
45	Miscellaneous wood products n.e.s.	385	719	187	2,244,435	3,083	399	6,423,708
	Totals, wood products	**11,191**	**18,862**	**2,825**	**41,307,827**	**94,698**	**5,247**	**183,594,817**
	8. Paper products:							
46	Boxes and bags, paper	174	1,281	672	6,420,425	5,950	4,860	19,092,654
47	Pulp and paper	123	6,231	2,012	32,784,295	43,126	681	124,919,573
48	Roofing paper	23	481	255	1,835,710	1,627	114	3,819,043
49	Miscellaneous paper goods	204	1,084	634	5,496,906	4,498	2,965	13,980,015
	Totals paper products	**524**	**9,077**	**3,573**	**46,537,336**	**55,201**	**8,620**	**161,811,285**

Power, Materials, and Values of Products of the Manufacturing Industries, 1949 — Continued

Total employees	Total salaries and wages	Cost of fuel and electricity	Cost of materials	Net value of products	Gross value of products	No.
No.	$	$	$	$	$	
883	1,551,421	94,388	5,325,619	3,633,627	9,053,634	1
25,178	49,363,696	3,626,212	124,685,279	33,073,026	211,384,517	2
600	1,391,039	85,560	4,321,310	2,406,769	6,813,639	3
1,741	3,821,714	216,439	6,482,467	7,922,363	14,621,269	4
10,036	19,031,918	1,300,451	35,701,320	31,983,486	68,985,257	5
3,921	7,251,566	420,324	18,633,070	11,434,453	30,487,847	6
2,194	5,126,436	392,609	15,798,528	9,280,602	25,471,739	7
16,828	36,121,584	3,329,258	45,217,912	75,578,244	124,125,414	8
2,511	5,347,344	877,333	2,606,844	9,274,711	12,758,888	9
2,090	3,797,405	152,972	5,320,806	6,476,290	11,950,068	10
1,368	2,287,782	84,101	4,869,494	3,634,053	8,587,648	11
1,262	2,210,994	82,693	23,274,040	4,397,869	27,754,602	12
1,302	2,805,837	186,041	10,732,750	5,999,147	16,917,938	13
2,309	6,053,516	419,924	15,657,655	12,092,566	28,170,145	14
827	1,740,482	37,544	3,189,372	3,135,148	6,362,064	15
1,711	2,902,264	32,476	2,011,338	4,866,301	6,910,115	16
3,012	5,361,554	199,488	15,817,146	10,452,712	26,469,346	17
77,773	**156,166,554**	**11,537,813**	**339,644,950**	**285,641,367**	**636,824,130**	
5,165	7,602,196	89,382	14,932,211	12,872,063	27,893,656	18
33,298	57,343,483	669,529	121,485,389	98,546,341	220,701,259	19
29,129	55,424,392	464,655	105,156,393	96,791,010	202,412,558	20
3,388	4,856,691	64,131	561,924	5,800,327	6,426,382	21
1,401	1,939,052	32,200	157,171	2,513,403	2,702,774	22
11,353	20,194,998	629,920	19,099,844	35,079,759	54,809,523	23
15,089	23,754,297	1,014,534	45,602,977	41,592,041	88,209,552	24
3,456	4,818,813	51,548	7,101,529	9,235,931	16,389,008	25
1,670	3,487,633	120,033	1,215,541	5,355,844	6,691,418	26
6,700	14,520,579	205,812	37,260,284	23,488,914	60,955,010	27
647	718,650	16,521	1,581,144	1,329,571	2,927,236	28
4,760	9,004,917	233,255	11,268,634	14,742,262	26,244,201	29
439	798,473	7,902	1,987,702	1,910,485	3,906,089	30
1,257	2,048,608	29,345	3,717,540	3,483,285	7,230,170	31
117,752	**206,512,782**	**3,628,767**	**371,128,833**	**352,741,236**	**727,498,836**	
26,931	53,591,185	1,685,232	70,147,728	85,289,672	157,122,632	32
1,623	3,241,003	141,384	6,637,585	5,983,939	12,762,908	33
18,171	33,872,726	1,810,870	80,403,276	55,498,422	137,717,568	34
55,032	97,449,091	4,359,003	205,935,217	186,120,981	396,415,201	35
5,830	12,139,138	414,364	19,813,773	22,849,894	43,078,031	36
4,276	6,986,658	328,352	10,393,079	10,988,513	21,709,944	37
1,352	2,432,473	89,100	3,067,483	3,873,892	7,030,475	38
81	121,801	17,049	228,827	313,535	559,411	39
955	1,564,595	79,395	3,206,585	2,192,176	5,478,156	40
184	273,619	21,052	289,981	420,338	731,371	41
679	1,156,867	29,421	874,647	1,766,130	2,670,198	42
648	992,308	42,018	1,022,826	1,382,930	2,447,774	43
1,482	2,413,037	107,161	2,673,113	3,209,629	5,989,903	44
4,388	8,668,143	665,022	31,938,333	14,038,707	46,642,062	45
121,632	**224,902,644**	**9,789,423**	**436,637,453**	**393,928,758**	**840,355,634**	
12,763	25,513,079	874,232	72,113,972	47,333,714	120,321,918	46
52,050	157,703,868	64,110,147	348,662,719	423,375,527	836,148,393	47
2,477	5,654,753	569,886	17,079,261	18,710,738	36,359,885	48
9,181	19,476,921	916,924	56,444,549	42,868,657	100,230,130	49
76,471	**208,348,621**	**66,471,189**	**494,300,501**	**532,288,636**	**1,093,060,326**	

TABLE 9. Establishments, Employees, Salaries and Wages, Fuel and

No.	Province, Industry and Group	Establishments	Employees on salary			Employees on wages		
			Male	Female	Salaries	Male	Female	Wages
		No.	No.	No.	$	No.	No.	$
	9. Printing, publishing and allied industries:							
	Commercial printing:							
1	Printing and bookbinding	1,530	3,567	1,609	13,928,242	11,656	5,197	33,218,980
2	Trade composition	43	103	43	501,818	483	14	1,325,939
	Engraving, stereotyping and allied industries:							
3	Engraving, stereotyping and electrotyping	114	555	328	3,206,844	2,714	669	9,217,406
4	Lithographing	63	457	318	2,761,414	2,135	1,042	6,855,941
	Printing and publishing:							
5	Printing and publishing	784	7,471	4,184	27,876,533	12,542	2,075	35,673,709
6	Publishing (only) of periodicals	1,332	2,363	2,309	6,923,158	—	—	—
	Totals, printing, publishing and allied industries	**3,866**	**14,516**	**8,791**	**55,198,009**	**29,530**	**8,997**	**86,291,975**
	10. Iron and steel products:							
7	Agricultural implements	79	2,156	572	9,481,186	13,696	164	34,738,403
8	Boilers and plate work	56	1,168	379	4,859,373	4,981	114	13,120,678
9	Bridge building and structural steel	29	1,300	295	5,561,642	5,519	35	13,014,891
10	Casting, iron	231	1,509	606	6,567,007	15,879	345	39,598,348
11	Hardware, tools and cutlery	281	1,539	785	6,757,769	8,280	1,622	20,619,310
12	Heating and cooking apparatus	103	1,103	427	4,383,098	7,002	213	15,427,828
13	Machinery, household, office and store	61	1,009	513	4,471,147	6,797	916	17,526,919
14	Machinery, industrial	296	3,882	1,534	15,987,842	13,660	403	32,260,420
15	Machine shops	546	1,319	269	3,696,792	4,365	74	9,143,443
16	Machine tools	9	170	84	750,239	1,102	—	2,654,792
17	Primary iron and steel	55	2,365	812	11,472,895	25,570	350	71,485,334
18	Sheet metal products	275	2,298	855	9,738,176	11,545	1,716	29,566,689
19	Wire and wire goods	102	961	433	4,217,891	5,166	646	14,236,717
20	Miscellaneous iron and steel products	224	762	185	2,702,993	3,939	233	9,185,731
	Totals, iron and steel products	**2,347**	**21,541**	**7,749**	**90,648,050**	**127,501**	**6,831**	**322,579,503**
	11. Transportation equipment:							
21	Aircraft and parts	14	2,522	721	9,496,511	7,237	245	17,946,987
22	Bicycles and parts	13	147	63	581,350	903	122	2,280,305
23	Boat building	221	308	34	585,266	1,175	26	2,063,259
24	Carriages, wagons and sleighs	64	158	54	559,646	996	147	1,947,388
25	Motor vehicles	15	3,673	1,288	17,994,690	21,856	205	58,689,638
26	Motor vehicle parts	150	1,913	834	9,053,648	12,953	2,198	36,608,954
27	Railway rolling stock	39	1,930	245	7,290,827	30,137	98	74,844,332
28	Shipbuilding	80	1,233	328	5,081,423	10,897	104	25,827,887
	Totals, transportation equipment	**596**	**11,884**	**3,567**	**50,643,361**	**86,154**	**3,145**	**220,208,750**
	12. Non-ferrous metal products:							
29	Aluminum products	80	1,118	692	5,188,115	3,649	367	8,717,464
30	Brass and copper products	162	1,232	536	5,540,728	6,978	643	17,403,160
31	Jewellery and silverware	209	698	444	3,282,686	3,425	1,652	9,877,408
32	Non-ferrous metal smelting and refining	16	2,271	502	9,870,736	16,321	56	45,262,329
33	White metal alloys	47	459	210	2,214,739	2,210	549	5,628,434
34	Miscellaneous non-ferrous metal products	18	115	92	598,904	355	124	1,006,403
	Totals, non-ferrous metal products	**532**	**5,893**	**2,476**	**26,695,908**	**32,938**	**3,391**	**87,895,198**
	13. Electrical apparatus and supplies:							
35	Batteries	24	359	209	1,749,887	1,059	513	3,482,506
36	Machinery, heavy electrical	46	2,893	1,183	12,148,865	12,309	3,105	39,373,825
37	Radios and radio parts	61	1,479	694	6,550,605	2,747	2,443	10,005,145
38	Refrigerators, vacuum cleaners and appliances	89	1,048	509	4,776,610	4,505	1,265	12,223,343
39	Electrical apparatus and supplies, n.e.s.	145	3,373	1,510	14,411,054	10,456	4,257	32,556,681
	Totals, electrical apparatus and supplies	**365**	**9,152**	**4,105**	**39,637,021**	**31,076**	**11,583**	**97,641,500**
	14. Non-metallic mineral products:							
40	Abrasives, artificial	18	328	193	1,591,028	1,878	144	5,239,735
41	Asbestos products	14	287	89	889,993	1,035	122	2,747,871
42	Cement	8	108	14	405,210	1,602	7	4,398,324
43	Cement products	423	674	125	2,003,386	3,509	40	6,744,230
44	Clay products from domestic clay	124	260	69	1,094,309	3,295	93	7,236,818
45	Clay products from imported clay	40	207	79	915,176	1,515	555	4,417,581

Power, Materials, and Values of Products of the Manufacturing Industries, 1949 — Continued

Total employees	Total salaries and wages	Cost of fuel and electricity	Cost of materials	Net value of products	Gross value of products	NO.
No.	$	$	$	$	$	
22,029	47,147,222	1,074,607	42,773,222	76,974,961	120,822,790	1
643	1,827,757	27,885	304,610	2,758,337	3,090,832	2
4,266	12,424,250	238,202	4,522,131	18,177,701	22,938,034	3
3,952	9,617,355	155,208	10,639,915	17,287,382	28,083,005	4
26,272	63,550,242	1,565,225	48,877,899	118,825,355	169,268,479	5
4,672	6,923,158	—	17,566,574	16,138,468	33,705,042	6
61,834	**141,489,984**	**3,061,127**	**124,684,351**	**250,162,704**	**377,908,182**	
16,588	44,219,589	2,092,645	95,685,026	79,192,612	176,970,283	7
6,642	17,980,051	803,646	20,156,193	33,602,254	54,562,093	8
7,149	18,576,533	802,391	30,936,308	43,953,532	75,692,231	9
18,339	46,165,355	3,117,227	55,315,454	74,380,824	133,313,505	10
12,226	27,377,079	1,418,766	23,915,194	51,075,063	76,409,023	11
8,745	19,310,926	865,156	23,519,492	38,035,621	62,420,269	12
9,235	21,998,066	688,965	40,133,876	44,057,185	84,879,966	13
19,479	48,248,262	1,839,998	48,389,379	97,927,235	148,156,612	14
6,027	12,840,235	567,107	8,465,249	19,129,335	28,161,691	15
1,356	3,405,031	105,980	2,198,298	5,360,747	7,665,025	16
29,097	82,958,229	22,352,965	147,229,391	136,152,628	305,734,984	17
16,414	39,304,865	1,808,386	84,810,689	70,098,369	156,717,444	18
7,206	18,454,608	1,159,690	23,729,156	46,545,237	71,434,083	19
5,119	11,888,724	1,089,358	15,015,551	20,923,607	37,028,516	20
163,622	**413,227,553**	**38,712,220**	**619,499,256**	**760,934,249**	**1,419,145,725**	
10,725	27,443,498	1,070,016	24,315,084	35,713,975	61,099,075	21
1,235	2,861,655	141,826	4,056,836	4,230,557	8,429,219	22
1,543	2,648,525	110,578	2,317,465	3,343,870	5,771,913	23
1,355	2,507,034	103,837	3,289,406	4,815,551	8,208,794	24
27,022	76,684,328	2,996,194	300,705,398	182,055,285	485,756,877	25
17,898	45,662,602	2,354,797	88,040,691	81,194,554	171,590,042	26
32,410	82,135,159	4,471,448	133,053,860	109,228,718	246,754,026	27
12,562	30,909,310	1,369,141	28,285,590	45,946,654	75,601,385	28
104,750	**270,852,111**	**12,617,837**	**584,064,330**	**466,529,164**	**1,063,211,331**	
5,826	13,905,579	967,341	24,606,582	26,129,686	51,703,609	29
9,389	22,943,888	1,662,442	73,045,193	40,700,161	115,407,796	30
6,219	13,160,094	291,594	26,878,852	23,587,014	50,757,460	31
19,150	55,133,065	37,004,311	380,275,977	181,907,847	599,188,135	32
3,428	7,843,173	704,742	30,643,550	14,130,235	45,478,527	33
686	1,605,307	69,339	1,768,060	2,670,102	4,507,501	34
44,698	**114,591,106**	**40,699,769**	**537,218,214**	**289,125,045**	**867,043,028**	
2,140	5,232,393	289,978	18,509,992	12,367,069	31,167,039	35
19,490	51,522,690	1,627,879	63,755,040	92,767,507	158,150,426	36
7,363	16,555,750	367,158	23,941,389	27,157,841	51,466,388	37
7,327	16,999,953	605,404	40,784,883	43,104,053	84,494,340	38
19,596	46,967,735	1,593,540	65,469,109	93,945,513	161,008,162	39
55,916	**137,278,521**	**4,483,959**	**212,460,413**	**269,341,983**	**486,286,355**	
2,543	6,830,763	2,182,097	10,649,694	14,868,217	27,700,008	40
1,533	3,637,864	461,473	4,794,030	5,087,506	10,343,009	41
1,731	4,803,534	8,038,190	5,949,640	21,077,322	35,065,152	42
4,348	8,747,616	1,022,119	14,076,293	17,595,233	32,693,645	43
3,717	8,331,127	3,347,345	557,622	14,076,742	17,981,709	44
2,356	5,332,757	746,597	3,526,190	10,184,375	14,457,162	45

TABLE 9. Establishments, Employees, Salaries and Wages, Fuel and

No.	Province, Industry and Group	Establishments	Employees on salary			Employees on wages		
			Male	Female	Salaries	Male	Female	Wages
		No.	No.	No.	$	No.	No.	$
	14. Non-metallic mineral products — Continued							
1	Glass and glass products	102	601	280	2,471,151	4,178	795	10,654,876
2	Gypsum products	10	88	13	324,659	874	22	1,897,116
3	Lime	42	85	17	334,996	973	4	2,265,082
4	Miscellaneous non-metallic mineral products	59	203	80	858,352	663	83	1,533,023
5	Salt	12	115	32	421,238	522	46	1,191,834
6	Sand-lime brick	5	12	1	47,715	166	5	368,129
7	Stone products	163	417	81	1,291,768	1,518	37	3,250,814
	Totals, non-metallic mineral products	**1,020**	**3,385**	**1,073**	**12,648,921**	**21,728**	**1,953**	**51,945,433**
	15. Products of petroleum and coal:							
8	Coke and gas products	30	930	344	3,606,454	3,857	8	10,034,770
9	Petroleum products	47	2,031	525	8,268,487	6,774	83	17,873,789
	Totals, products of petroleum and coal	**77**	**2,961**	**869**	**11,874,941**	**10,631**	**91**	**27,908,559**
	16. Chemicals and allied products:							
10	Acids, alkalies and salts	28	1,096	325	4,822,728	4,394	46	11,682,180
11	Fertilizers	32	659	201	2,770,227	2,390	19	6,234,716
12	Medicinal and pharmaceutical preparations	218	1,622	1,384	8,427,656	2,274	2,378	7,688,936
13	Paints, varnishes and lacquers	112	1,696	836	6,557,144	3,115	388	7,580,671
14	Primary plastics	14	337	128	1,466,477	787	34	2,029,610
15	Soaps, washing compounds & cleaning preparations	143	1,000	501	4,270,295	1,672	464	5,103,587
16	Toilet preparations	94	263	322	1,485,708	375	760	1,522,848
17	Vegetable oils	15	202	67	820,678	559	1	1,301,425
	Other miscellaneous chemical industries:							
18	Adhesives	25	165	69	570,317	485	30	1,157,531
19	Coal tar distillation	11	74	28	303,946	313	—	862,917
20	Gases, compressed	48	316	244	1,491,331	660	3	1,739,573
21	Inks	32	130	84	799,897	451	39	1,168,897
22	Polishes and dressings	57	187	149	887,144	262	199	768,836
23	Miscellaneous chemical products	208	1,657	772	7,168,692	3,824	892	10,006,695
	Totals, chemicals and allied products	**1,037**	**9,404**	**5,110**	**41,842,240**	**21,561**	**5,253**	**58,848,422**
	17. Miscellaneous industries:							
24	Brooms, brushes and mops	86	335	191	1,382,073	1,269	625	2,850,176
25	Fountain pens and pencils	15	155	130	815,862	377	559	1,512,305
26	Musical instruments	27	133	64	522,028	897	86	1,891,556
27	Plastics products	90	362	156	1,603,769	1,140	1,243	3,574,991
28	Scientific and professional equipment	91	671	413	3,248,131	2,203	1,494	7,736,476
29	Sporting goods	64	296	159	1,002,349	1,025	533	2,626,288
30	Toys and games	56	116	58	536,827	606	668	2,109,130
31	Typewriter supplies	7	84	41	421,185	178	93	463,901
	Miscellaneous industries:							
32	Artificial flowers and feathers	38	67	47	277,418	166	397	638,517
33	Buttons, buckles and fasteners	34	171	111	890,527	640	760	2,484,117
34	Candles	14	56	38	208,685	109	75	253,188
35	Hair goods	17	31	8	99,482	93	19	191,655
36	Ice, artificial	69	138	46	446,218	701	9	1,364,146
37	Lamps, electric and lamp shades	45	117	70	500,835	491	400	1,327,423
38	Pipes, lighters and other smokers' supplies	13	46	16	201,647	200	187	655,581
39	Signs, electric, neon & other	49	191	71	943,160	1,036	71	2,203,320
40	Stamps and stencils, rubber and metal	45	113	50	474,578	364	74	776,178
41	Statuary, art goods and novelties	104	166	71	528,034	403	377	1,086,428
42	Umbrellas	6	28	12	121,257	29	108	153,563
43	Miscellaneous industries n.e.s.	23	106	119	573,450	720	723	2,451,023
	Totals, miscellaneous industries	**893**	**3,382**	**1,871**	**14,797,513**	**12,647**	**8,501**	**36,349,962**
	Grand totals, all industries	**35,792**	**157,516**	**64,035**	**628,427,937**	**732,457**	**217,199**	**1,963,462,720**

Power, Materials, and Values of Products of the Manufacturing Industries, 1949 — Concluded

Total employees	Total salaries and wages	Cost of fuel and electricity	Cost of materials	Net value of products	Gross value of products	No.
No.	$	$	$	$	$	
5,854	13,126,027	2,858,765	16,607,403	22,932,161	42,398,329	1
997	2,221,775	751,887	7,351,280	7,596,596	15,699,763	2
1,079	2,600,078	2,853,837	718,893	8,223,272	11,796,002	3
1,029	2,391,375	432,260	6,537,973	5,901,235	12,871,468	4
715	1,613,072	699,443	1,205,317	4,716,723	6,621,483	5
184	415,844	83,025	330,906	966,808	1,380,739	6
2,053	4,542,522	707,081	6,095,824	10,646,425	17,449,330	7
28,139	**64,594,354**	**24,184,119**	**78,401,065**	**143,872,615**	**246,457,799**	
5,139	13,641,224	8,023,441	54,063,072	34,847,993	96,934,506	8
9,413	26,142,276	16,852,060	336,973,056	82,971,097	436,796,213	9
14,552	**39,783,500**	**24,875,501**	**391,036,128**	**117,819,090**	**533,730,719**	
5,861	16,504,908	7,355,353	27,392,521	39,663,922	74,411,796	10
3,269	9,004,943	1,772,400	31,671,468	33,984,199	67,428,067	11
7,658	16,116,592	593,187	22,900,555	48,008,393	71,502,135	12
6,035	14,137,815	622,236	42,427,832	39,810,432	82,860,500	13
1,286	3,496,087	461,318	10,897,184	9,663,717	21,022,219	14
3,637	9,373,382	963,732	31,029,359	30,405,120	62,398,211	15
1,720	3,008,556	74,090	7,088,024	11,885,321	19,047,435	16
829	2,122,103	477,054	41,631,796	9,132,691	51,241,541	17
749	1,727,848	339,839	4,218,359	3,266,366	7,824,564	18
415	1,166,863	549,310	4,786,640	3,996,837	9,332,787	19
1,223	3,230,904	431,855	1,979,160	9,680,161	12,091,176	20
704	1,968,794	63,286	4,002,313	4,874,039	8,939,638	21
797	1,655,980	77,603	5,918,662	5,868,884	11,865,149	22
7,145	17,175,387	5,436,456	44,065,072	37,931,469	87,432,997	23
41,328	**100,690,662**	**19,217,719**	**280,008,945**	**288,171,551**	**587,398,215**	
2,420	4,232,249	115,775	6,327,016	3,389,198	14,831,989	24
1,221	2,328,167	43,221	2,972,524	6,657,965	9,673,710	25
1,180	2,413,584	87,534	2,223,920	3,968,516	6,279,970	26
2,901	5,178,760	220,803	8,091,506	8,833,277	17,145,586	27
4,781	10,984,607	289,155	13,895,560	19,003,378	33,188,093	28
2,013	3,628,637	100,516	3,627,429	4,926,140	8,654,085	29
1,448	2,645,957	82,426	3,691,073	4,277,234	8,050,733	30
396	885,086	26,236	1,916,789	1,921,239	3,864,264	31
677	915,935	12,761	1,133,009	1,570,532	2,716,302	32
1,682	3,374,644	69,596	3,115,444	4,821,028	8,006,070	33
278	461,873	31,063	828,911	1,260,764	2,120,738	34
151	291,137	5,013	305,657	488,079	1,298,749	35
894	1,810,364	512,474	173,687	5,116,274	5,802,435	36
1,078	1,828,258	43,976	2,761,502	3,187,711	5,993,189	37
449	857,228	16,341	1,491,100	2,334,022	3,841,463	38
1,369	3,146,480	156,828	2,119,144	6,156,257	8,432,229	39
601	1,250,754	24,926	592,843	1,826,326	2,444,595	40
1,017	1,614,462	38,270	1,647,983	2,606,600	4,292,853	41
177	274,820	1,764	557,869	545,398	1,105,031	42
1,668	3,024,473	106,388	1,805,221	6,709,628	8,621,237	43
26,401	**51,147,475**	**1,985,068**	**59,778,187**	**94,600,066**	**156,363,321**	
1,171,207	**2,591,890,657**	**305,795,802**	**6,843,231,064**	**5,330,566,434**	**12,479,593,300**	

Table **10** gives the amount and value of each of the principal commodities produced by the manufacturing industries of Canada. Commodities produced in small quantities are not included but the list covers approximately 75 p.c. of total production. For a complete list of products, see Appendix II of this report.

TABLE 10. Quantities and Values of the Principal Commodities Produced by the Manufacturing Industries of Canada Grouped by Purpose, 1949

—	Unit of Measure	Quantity	Value
			$
Food:			
Biscuits, all kinds	—	—	55,587,247
Bread, pies, cakes, etc.	—	—	182,702,717
Butter, factory made	lb.	282,197,364	166,095,638
Cheese, factory made	"	161,662,295	53,008,104
Confectionery, all kinds	—	—	76,144,614
Cream, sold in dairy factories	lb.	31,905,999	31,668,026
Feed, chopped, grain	ton	1,201,900	68,225,037
Fish, canned and otherwise prepared	—	—	57,927,034[1]
Flour, wheat	bbl.	20,302,173	188,615,480
Feeds, stock and poultry	ton	1,718,278	127,479,149
Fruits and vegetables, canned	lb.	528,800,625	57,930,983
Fruits and vegetables, frozen	"	25,842,927	4,728,257
Ice cream, factory made	gal.	23,491,607	34,585,662
Jams, jellies and marmalades	lb.	88,700,259	13,874,541
Lard	"	74,954,275	13,877,006
Meats, canned incl. poultry, pastes, etc.	"	59,212,477	24,442,477
Meats, cooked	"	37,364,343	20,457,828
Meats, cured	"	264,808,186	121,790,243
Meats, sold fresh	"	1,056,119,342	358,810,842
Meats, sold frozen	"	67,891,456	21,293,881
Milk, sold in dairy factories	gal.	151,690,685	95,729,114
Milk, evaporated and condensed	lb.	269,764,849	31,212,699
Pickles, sauces and catsup	—	—	11,868,442
Powders, edible	lb.	133,761,266	32,823,092
Sausage, fresh and cured	"	72,838,464	27,842,701
Shortening	"	125,166,704	32,839,030
Sugar, granulated (cane and beet)	"	1,181,963,023	96,680,698
Tea and coffee, roasted, blended and packed	"	118,128,262	79,884,967
Drink and Tobacco[2]:			
Aerated waters	gal.	101,387,544	73,343,394
Beer, ale, stout and porter (sales)	"	173,294,151	228,333,919
Cigarettes	M	17,053,442	255,713,618
Cigars	"	207,213	15,538,313
Spirits, potable, sold (Net sales)	pr. gal.	8,841,888	60,761,289
Tobacco, chewing, smoking and snuff	lb.	28,890,160	52,669,914
Tobacco, raw leaf, processed	"	113,178,509	59,091,614
Wine, sold	gal.	4,287,181	9,267,210
Clothing:			
Coats and overcoats, men's, youths' and women's, cloth	No.	2,548,253	63,945,778
Coats, fur and fur-lined	"	222,347	47,689,374
Dresses, women's and misses'	"	13,460,574	70,891,779
Footwear, leather	pr.	29,271,714	105,662,941
Footwear, rubber	"	15,039,073	29,736,753
Gloves & mittens, all kinds	—	—	14,467,175
Hats & caps, men's and boys	doz.	590,647	10,551,496
Hats, women's and children's	"	444,236	12,695,819
Hosiery, all kinds	doz. pr.	9,023,966	59,401,946
Shirts, fine, work and sport	doz.	1,672,356	40,701,928
Sport suits, slacks and other sport clothing n.e.s.	—	—	14,690,776
Suits, men's and youths', fine, woollen	No.	1,872,030	54,630,275
Underwear	doz.	4,218,055	36,102,947
Short coats (including windbreakers, mackinaws, parkas, leather coats, etc.)	"	216,076	18,291,812

TABLE 10. Quantities and Values of the Principal Commodities Produced by the Manufacturing Industries of Canada, Grouped by Purpose, 1949 — Continued

—	Unit of Measure	Quantity	Value
			$
Personal Utilities:			
Bags, hand and hand luggage	—	—	12,193,474
Jewellery	—	—	16,808,945
Pianos, organs and parts	—	—	4,456,782
Plated ware, all kinds	—	—	15,582,977
Radio sets and accessories	—	—	45,547,794
Soap	—	—	38,617,370
Sporting goods	—	—	10,212,349
Toilet preparations and perfumes	—	—	21,245,160
Toys and games	—	—	12,265,836
House Furnishings:			
Blankets, all kinds	—	—	11,380,124
Brooms and brushes	—	—	12,774,138
Carpets, mats and rugs	—	—	14,170,686
Furniture, household, incl. beds and couches	—	—	82,579,434
Kitchenware	—	—	18,427,711
Mattresses	—	1,008,590	15,236,077
Mops	—	—	1,969,475
Springs, bed and other furniture	—	—	11,303,356
Stoves, coal, wood, electric and gas	—	—	43,358,950
Books and Stationery:			
Advertising matter, printed	—	—	23,356,336
Books and catalogues, printed	—	—	20,467,464
Circular letters, bank notes, etc. printed	—	—	21,432,495
Periodicals, printed for publishers	—	—	19,548,734
Periodicals, printed by publishers:			
Subscriptions and sales	—	—	52,986,028
Gross revenue from advertising	—	—	117,853,102
Sheet forms, commercial, printed	—	—	28,907,313
Transportation Equipment:			
Aircraft, including parts and repairs	—	—	46,576,036
Automobiles, commercial	No.	98,331	136,747,124
Automobiles, passenger	"	183,999	271,391,842
Automobile parts and accessories, incl. tires, etc.	—	—	303,693,064
Busses	No.	725	10,072,680
Railway locomotives, and parts	—	—	57,772,053
Ships and ship repairs	—	—	80,414,899
Miscellaneous, incl. bicycles, boats, canoes, etc.	—	—	8,452,375
Miscellaneous:			
Abrasives, artificial	—	—	7,628,832
Bags, cotton and jute	Doz.	8,915,893	25,010,916
Bags, paper	—	—	25,898,156
Bars, Iron and steel, hot rolled	ton	532,092	49,414,874
Batteries, electric, and parts	—	—	25,777,670
Blooms, billets and slabs	N. ton	396,924	23,603,686
Boilers, heating and power	—	—	14,020,398
Boxes, paper and wood	—	—	104,332,544
Calcium and sodium compounds	—	—	26,471,243
Cans, metal, for food, etc.	—	—	48,090,098
Castings, iron (made for sale)	ton	239,365	39,579,120
Coke	—	—	54,814,362
Cotton fabrics	—	—	120,856,409
Enamels, lacquers and varnishes	—	—	35,522,721
Explosives	—	—	14,397,376
Farm implements and parts	—	—	169,617,000
Forgings, steel and other	—	—	10,131,340
Gas, sold	M. cu. ft.	24,687,925	27,205,696

TABLE 10. Quantities and Values of the Principal Commodities Produced by the Manufacturing Industries of Canada, Grouped by Purpose, 1949 — Concluded

—	Unit of Measure	Quantity	Value
			$
Miscellaneous — continued			
Cases, compressed and liquefied	—	—	16,458,710
Gasoline	imp. gal.	1,440,466,532	234,153,030
Glass, pressed and blown	—	—	27,443,102
Hardware, builders' and other	—	—	27,093,951
Leather, shoe	—	—	40,529,653
Lumber, rough and planed	M. ft. b. m.	6,092,829	410,007,634
Machinery, industrial, household and business and parts	—	—	360,891,280
Medicines and pharmaceuticals	—	—	63,676,639
Oil, fuel	imp. gal.	1,335,092,046	112,574,373
Paints, mixed, ready for use	gal.	9,456,527	33,486,466
Paper, newsprint, wrapping and book	—	—	513,293,455
Paper boards	—	—	91,273,938
Pipes and fittings, iron and steel	—	—	51,337,227
Plastics, primary	—	—	21,022,219
Pulp, wood, made for sale	s. ton	1,870,463	194,647,859
Refrigerators, electric	No.	210,955	36,434,554
Rolled iron and steel forms, semi-finished (sold)	ton	396,924	23,603,686
Sash, doors and other millwork	—	—	52,367,525
Scientific and professional equipment	—	—	33,103,093
Sheets, hoops, bands, strips etc. iron and steel	ton	469,236	55,334,553
Synthetic yarn fabrics, continuous filament, incl. mixtures	yd.	84,914,625	60,362,501
Smelter and refinery products	—	—	599,166,135
Spun rayon fabrics and mixtures	yd.	28,473,652	21,314,131
Steel ingots and castings (sold)	ton	234,218	36,372,735
Steel shapes erected, bridge, etc.	—	—	44,350,155
Steel shapes, structural, made in primary mills	net ton	177,314	13,940,920
Tire fabrics	lb.	21,164,348	14,199,622
Tools, hand, all kinds	—	—	21,990,548
Twine and rope	—	—	16,622,662
Wires and cables, electrical	—	—	85,775,125
Wire, wire rope and cable steel	—	—	23,977,612
Woollen cloth, woven and other	yd.	24,763,653	58,503,573
Yarn, cotton, artificial silk, wool, etc., made for sale.	lb.	97,367,401	97,503,643

1. Exclusive of Newfoundland.
2. Includes excise taxes on tobacco products and prime cost of spirits.

Subsection 2. Manufactures Classified on the Chief Component Material Classification Basis

For most purposes a classification of manufacturing industries based upon "chief component materials" has, in the past, proved most useful in Canadian industrial classification. For this reason the Bureau's classification based upon this concept has been the one most widely used for general purposes such as the Decennial Census, Vital Statistics, Foreign Trade, etc. Even for these purposes some modification has been deemed expedient, such as the inclusion of a group "Textile Products", composed partly of animal and partly of vegetable products.

When the industry of a country is primarily concerned with the early stages in the processing of primary materials, i.e., when its final products are chiefly such items as pig iron, lumber and processed fish, a classification based upon chief component material is wholly applicable. As manufacturing industry develops, however, turning out more and more goods for final consumption, the combination of ingredients in such output becomes more and more complex. The modern automotive, aircraft, shipbuilding, and electrical apparatus industries are examples in which a wide variety of materials must be assembled for the completion of the final product.

In recent years Canada's industrial system has undergone considerable development. Consequently in establishing the Standard Industrial Classification, the concept of "purpose" has been combined with that of "chief component material" in the framework of the classification of manufacturing industries. For the classification of consumers' goods industries the concept of "purpose" seems most applicable both in terms of common usage in referring to industries and in providing the type of data most often required. Hence, such major groups as Food and Beverages, Clothing, Transportation Equipment, Electrical Apparatus and Supplies, have been established.

TABLE 11. Principal Statistics of the Manufacturing Industries, Classified on the Chief Component Material Classification Basis, by Main Groups, Significant Years, 1917-49

	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
	No.	No.	$	$	$	$
1917						
Vegetable products	4,151	62,791	45,916,557	367,214,061	183,782,501	550,996,562
Animal products	5,486	46,994	35,753,133	320,302,039	124,103,990	444,406,029
Textiles and textile products	1,033	76,315	47,386,592	131,071,158	109,227,157	240,298,315
Wood and paper products	7,258	153,701	115,198,434	150,122,143	249,201,596	399,323,739
Iron and its products	1,495	161,745	161,875,426	378,193,116	371,792,489	749,985,605
Non-ferrous metal products	296	18,220	15,898,890	46,445,469	41,039,351	87,484,820
Non-metallic mineral products	1,075	20,781	18,224,724	36,994,392	58,092,396	95,086,788
Chemicals and allied products	539	56,153	51,505,484	99,068,092	131,381,995	230,450,087
Miscellaneous industries	512	9,823	6,042,604	10,268,341	12,510,505	22,778,846
Totals, 1917	**21,845**	**606,523**	**497,801,844**	**1,539,678,811**	**1,281,131,980**	**2,820,810,791**
1920						
Vegetable products	4,549	74,241	77,750,189	536,828,044	239,328,371	776,156,415
Animal products	4,823	48,687	54,291,606	400,496,354	152,995,130	553,491,484
Textiles and textile products	1,304	87,730	84,433,609	256,233,300	173,741,035	429,974,335
Wood and paper products	7,881	144,391	172,368,578	309,813,724	417,256,115	727,069,839
Iron and its products	1,789	164,087	231,595,911	377,499,134	411,875,057	789,374,191
Non-ferrous metal products	324	23,162	27,895,343	48,434,120	52,847,178	101,281,298
Non-metallic mineral products	846	25,500	32,351,764	69,856,558	80,205,472	150,062,030
Chemicals and allied products	464	17,653	22,193,421	62,644,608	65,183,212	127,827,820
Miscellaneous industries	552	13,442	14,613,455	23,465,807	27,841,778	51,307,585
Totals, 1920	**22,532**	**598,893**	**717,493,876**	**2,085,271,649**	**1,621,273,348**	**3,706,544,997**
1929						
Vegetable products	5,350	91,032	95,853,121	431,595,751	341,688,938	783,706,883
Animal products	4,490	67,670	62,081,423	345,351,882	127,929,857	477,761,855
Textiles and textile products	1,534	103,881	94,969,433	217,954,088	180,469,064	403,205,809
Wood and paper products	7,392	164,572	192,088,948	313,797,201	381,485,477	724,972,308
Iron and its products	1,224	142,772	203,740,658	405,818,468	367,465,582	790,726,338
Non-ferrous metal products	408	39,867	54,501,806	124,900,632	150,415,215	283,545,666
Non-metallic mineral products	843	29,257	38,958,390	112,573,103	99,065,847	229,774,300
Chemicals and allied products	554	16,694	22,639,449	55,184,337	78,785,911	138,545,221
Miscellaneous industries	421	10,786	12,457,989	22,495,351	28,081,046	51,207,736
Totals, 1929	**22,216**	**666,531**	**777,291,217**	**2,029,670,813**	**1,755,386,937**	**3,883,446,116**
1933						
Vegetable products	5,916	75,416	68,535,349	226,879,373	196,820,952	432,315,617
Animal products	4,496	53,111	46,453,188	179,429,948	87,629,444	271,068,210
Textiles and textile products	1,740	95,707	72,813,424	143,184,861	131,065,992	279,475,267
Wood and paper products	7,891	105,080	102,218,652	134,663,641	184,233,540	341,336,701
Iron and its products	1,334	73,348	72,296,179	98,793,191	109,198,169	216,828,992
Non-ferrous metal products	478	25,273	28,099,026	71,990,608	88,427,984	164,765,604
Non-metallic mineral products	770	16,975	19,282,401	69,077,701	52,817,078	131,325,706
Chemicals and allied products	696	15,397	18,738,629	34,271,854	55,394,284	92,820,761
Miscellaneous industries	459	8,351	7,810,976	9,497,751	14,083,738	24,138,927
Totals, 1933	**23,780**	**468,658**	**436,247,824**	**967,788,928**	**919,671,181**	**1,954,075,785**
1939						
Vegetable products	5,872	99,447	104,248,785	356,726,153	292,129,840	659,624,014
Animal products	4,362	69,358	68,231,871	333,647,306	122,821,410	461,983,262
Textiles and textile products	1,930	121,022	107,117,035	203,618,197	181,927,898	392,657,759
Wood and paper products	8,538	144,782	165,287,455	246,292,820	303,662,441	579,892,183
Iron and its products	1,394	121,041	158,559,728	262,292,781	275,774,796	553,468,880
Non-ferrous metal products	526	44,563	59,684,858	242,063,177	155,808,806	416,060,459
Non-metallic mineral products	809	23,026	30,067,934	107,979,292	85,511,631	208,166,781
Chemicals and allied products	808	22,595	31,567,558	65,230,839	89,046,832	159,536,984
Miscellaneous industries	566	12,280	13,045,929	18,308,810	24,368,247	43,393,206
Totals, 1939	**24,805**	**658,114**	**737,811,153**	**1,836,159,375**	**1,531,051,901**	**3,474,783,528**
1944						
Vegetable products	5,941	130,679	183,943,948	763,606,750	485,551,491	1,270,518,297
Animal products	4,388	94,195	129,215,389	835,586,247	246,064,720	1,092,015,647
Textiles and textile products	2,481	153,122	195,805,681	419,988,642	351,186,488	781,771,688
Wood and paper products	10,452	189,674	284,436,559	497,656,158	550,826,986	1,093,725,822
Iron and its products	2,192	411,944	818,452,454	1,104,083,922	1,390,703,087	2,540,992,974
Non-ferrous metal products	635	104,314	182,909,292	549,317,062	399,498,519	992,345,975
Non-metallic mineral products	748	31,590	56,130,338	234,714,319	152,525,053	416,268,879
Chemicals and allied products	981	81,822	137,422,977	360,412,749	355,260,598	733,569,232
Miscellaneous industries	665	25,542	41,304,732	66,967,507	84,159,068	152,484,005
Totals, 1944	**28,483**	**1,222,882**	**2,029,621,370**	**4,832,333,356**	**4,015,776,010**	**9,073,692,519**
1948						
Vegetable products	5,912	140,785	264,371,792	1,172,108,404	702,724,107	1,902,985,965
Animal products	4,323	102,817	186,776,617	1,203,694,769	342,913,582	1,562,378,976
Textiles and textile products	3,177	182,123	314,831,441	645,183,100	576,997,482	1,236,508,635
Wood and paper products	13,806	256,938	534,656,794	1,013,842,292	1,124,398,167	2,215,985,062
Iron and its products	2,548	269,776	652,953,714	1,076,895,019	1,123,685,663	2,253,777,033
Non-ferrous metal products	817	99,921	230,892,260	736,583,447	489,559,766	1,270,323,433
Non-metallic mineral products	1,009	40,956	93,582,722	441,612,794	231,961,750	724,110,218
Chemicals and allied products	1,026	39,548	89,325,771	293,041,874	268,818,222	579,827,509
Miscellaneous industries	802	22,857	41,977,079	49,919,929	77,728,242	129,272,854
Totals, 1948	**33,420**	**1,155,721**	**2,409,368,190**	**6,632,881,628**	**4,938,786,981**	**11,875,169,685**

TABLE 11. Principal Statistics of the Manufacturing Industries, Classified on the Chief Component Material Classification Basis, by Main Groups, Significant Years, 1947-49 — Concluded

	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
	No.	No.	$	$	$	$
1949						
Vegetable products	5,903	143,032	285,536,723	1,236,409,496	754,329,727	2,020,565,833
Animal products	4,231	102,657	197,189,519	1,158,372,220	369,545,771	1,543,930,584
Textiles and textile products	3,234	186,328	342,930,642	669,108,586	606,402,697	1,290,314,474
Wood and paper products	15,866	262,835	579,896,808	1,061,229,176	1,184,539,519	2,325,304,849
Iron and its products	2,658	265,474	678,924,105	1,197,956,715	1,219,303,992	2,468,376,349
Non-ferrous metal products	897	100,614	251,869,627	749,678,627	558,467,028	1,353,329,383
Non-metallic mineral products	1,097	42,691	104,377,854	469,437,193	261,691,705	780,188,518
Chemicals and allied products	1,022	40,499	98,568,559	238,377,149	279,038,860	536,156,674
Miscellaneous industries	884	27,077	52,596,820	62,161,902	97,247,135	161,426,636
Totals, 1949	**35,792**	**1,171,207**	**2,591,890,657**	**6,843,231,064**	**5,330,566,434**	**12,479,593,300**

Subsection 3. Manufactures Classified by Origin of Materials

The distinction made between farm materials of Canadian and foreign origin is based on whether the materials are indigenous to Canada rather than on their actual source. Thus, the industries included in the foreign origin classes are those depending upon materials that cannot be grown in Canada, such as tea, coffee, spices, cane sugar, rice, rubber, cotton, etc. Industries included in the Canadian origin classes may, however, be using large quantities of imported materials.

The mineral origin group includes, in addition to non-ferrous metals so largely produced in Canada, the manufactures of iron and steel, of petroleum, and of other mineral substances, the raw materials for which are very largely imported. Products of mineral origin, with the exception of fuels, are nearly all durable goods. A high standard of living and advanced industrial organization is usually indicated by a relatively large production and consumption of mineral products. During periods of depression when the production of capital goods is curtailed, employment in the industries of the farm group, which produce mainly consumer goods, exceeds that of the mineral group. The industries of the mineral group in 1943, at the maximum of the war effort, had by far the greatest capital investment, employed the largest number of persons, and paid out the highest amount in salaries and wages. In 1943 the average capital per employee amounted to $5,441 for the mineral group as compared with $4,417 for the farm origin group. The mineral group also pays the highest wages. In 1949 the average salary and wage was $2,527 for the mineral group and $1,946 for the farm origin group.

TABLE 12. Principal Statistics of the Manufactured Industries, Classified According to Origin of Material Used, by Main Groups, Significant Years 1924-49

Year and origin	Establishments	Capital	Employees	Salaries and wages	Cost of materials	Gross value of products
	No.	$	No.	$	$	$
1924						
Farm origin	8,663	772,791,471	152,488	153,213,763	716,047,892	1,099,279,665
Mineral origin	2,806	1,010,517,944	136,837	171,068,497	349,800,585	700,002,097
Forest origin	6,873	876,149,932	126,907	147,719,245	245,183,429	544,282,597
Marine origin	836	20,304,785	11,157	3,344,348	16,089,332	26,637,962
Wild life origin	226	10,837,249	2,944	3,194,213	7,506,169	13,386,266
Mixed origin	1,305	204,716,127	57,277	55,927,609	101,563,384	200,718,177
Grand totals, 1924	**20,709**	**2,895,317,508**	**487,610**	**534,467,675**	**1,436,190,791**[1]	**2,584,306,764**[1]
Farm origin group:						
From field crops	4,595	525,717,571	89,436	87,789,237	433,443,376	691,513,259
From animal husbandry	4,068	247,073,900	63,052	65,424,526	282,604,516	407,766,406
Totals, farm origin	**8,663**	**772,791,471**	**152,488**	**153,213,763**	**716,047,892**	**1,099,279,665**
Canadian origin	8,379	546,231,949	114,514	119,217,657	553,357,883	848,236,237
Foreign origin	284	226,559,522	37,974	33,996,106	162,690,009	251,043,428
1929						
Farm origin	9,041	969,384,866	181,682	188,306,755	852,606,083	1,396,769,569
Mineral origin	3,219	1,550,662,908	218,879	304,027,803	678,683,203	1,392,499,868
Forest origin	7,353	1,148,558,242	163,863	191,044,307	313,088,964	722,269,066
Marine origin	730	28,644,442	16,367	5,411,855	21,496,859	34,966,260
Wild life origin	234	14,338,686	3,767	4,783,323	12,847,817	20,861,039
Mixed origin	1,639	293,302,865	81,973	83,717,174	150,947,887	316,080,314
Grand totals, 1929	**22,216**	**4,004,892,009**	**666,531**	**777,291,217**	**2,029,670,813**	**3,883,446,116**
Farm origin group:						
From field crops	5,191	697,206,163	114,236	115,201,292	496,842,580	889,075,246
From animal husbandry	3,850	272,178,703	67,446	73,105,463	355,763,503	507,694,323
Totals, farm origin	**9,041**	**969,384,866**	**181,682**	**188,306,755**	**852,606,083**	**1,396,769,569**
Canadian origin	8,743	708,461,549	134,680	140,340,993	682,056,026	1,106,006,184
Foreign origin	298	260,923,317	47,002	47,965,762	170,550,057	290,763,385

TABLE 12. Principal Statistics of the Manufacturing Industries, Classified According to Origin of Material Used, by Main Groups, Significant Years 1924-49 — Continued

Year and origin	Establishments	Capital	Employees	Salaries and wages	Cost of materials	Gross value of products
	No.	$	No.	$	$	$
1933						
Farm origin	9,695	844,582,058	158,602	137,711,749	454,882,704	791,956,470
Mineral origin	3,539	1,306,641,651	130,565	138,101,092	271,434,337	601,428,003
Forest origin	7,796	882,445,602	102,807	99,046,012	133,550,374	335,886,257
Marine origin	620	15,532,775	4,064	2,287,385	10,960,289	17,380,323
Wild life origin	335	10,507,157	3,498	3,481,885	7,159,079	13,000,927
Mixed origin	1,795	219,550,595	69,122	55,619,701	89,802,145	194,423,805
Grand totals, 1933	**23,780**	**3,279,259,838**	**468,658**	**436,247,824**	**967,788,928**	**1,954,075,785**
Farm origin group:						
From field crops	5,746	609,044,529	93,433	81,655,182	263,007,043	494,048,930
From animal husbandry	3,949	235,537,529	65,169	56,056,567	191,875,661	297,907,540
Totals, farm origin	**9,695**	**844,582,058**	**158,602**	**137,711,749**	**454,882,704**	**791,956,470**
Canadian origin	9,373	629,450,643	124,547	107,807,386	365,559,776	620,197,449
Foreign origin	322	215,131,415	34,055	29,904,363	89,322,928	171,759,021
1939						
Farm origin	10,203	952,929,892	220,210	217,724,965	778,250,125	1,289,993,021
Mineral origin	3,474	1,498,265,618	210,752	280,054,303	669,728,573	1,321,444,094
Forest origin	8,430	951,016,933	142,091	160,798,500	244,944,997	572,335,960
Marine origin	523	21,479,200	5,369	3,638,794	18,114,698	28,816,536
Wild life origin	384	14,723,743	4,604	5,396,623	11,592,066	19,961,526
Mixed origin	1,791	208,609,063	75,088	70,197,968	113,528,916	242,232,391
Grand totals, 1939	**24,805**	**3,647,024,449**	**658,114**	**737,811,153**	**1,836,159,375**	**3,474,783,528**
Farm origin group:						
From field crops	6,096	649,746,486	124,708	126,311,033	410,994,461	759,964,866
From animal husbandry	4,107	303,183,406	95,502	91,413,932	367,255,664	530,028,155
Totals, farm origin	**10,203**	**952,929,892**	**220,210**	**217,724,965**	**778,250,125**	**1,289,993,021**
Canadian origin	9,382	699,345,423	171,460	168,260,771	630,779,223	1,011,294,132
Foreign origin	821	253,584,469	48,750	49,464,194	147,470,902	278,698,889

	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
	No.	No.	$	$	$	$
1944						
Farm origin	10,329	287,756	394,716,309	1,781,014,374	870,995,104	2,688,731,415
Mineral origin	4,479	634,542	1,208,779,764	2,258,796,792	2,312,260,844	4,708,104,244
Forest origin	10,347	186,680	278,171,969	495,531,476	541,521,976	1,082,160,284
Marine origin	535	9,664	10,327,695	45,906,542	22,066,801	68,882,879
Wild life origin	535	6,190	9,430,191	28,076,572	15,728,926	43,985,177
Mixed origin	2,258	98,050	128,195,442	223,007,600	253,202,359	481,828,520
Grand totals, 1944	**28,483**	**1,222,882**	**2,029,621,370**	**4,832,333,356**	**4,015,776,010**	**9,073,692,519**
Farm origin group:						
From field crops	6,307	164,514	226,761,705	888,435,918	563,349,320	1,477,008,962
From animal husbandry	4,022	123,242	167,964,604	892,578,456	307,645,784	1,211,722,453
Totals, farm origin	**10,329**	**287,756**	**394,716,309**	**1,781,014,374**	**870,995,104**	**2,688,731,415**
Canadian origin	9,493	225,077	303,293,749	1,507,501,822	668,958,344	2,202,655,904
Foreign origin	836	62,679	91,422,560	273,512,552	202,036,760	486,075,511
1948						
Farm origin	10,342	313,807	574,721,083	2,689,671,528	1,270,479,815	4,009,814,910
Mineral origin	5,347	450,123	1,070,530,553	2,481,092,279	2,087,179,940	4,733,867,173
Forest origin	13,692	252,764	523,340,720	1,009,794,821	1,108,347,100	2,195,670,856
Marine origin	600	12,243	17,041,373	74,587,625	39,468,334	115,838,169
Wild life origin	636	8,045	16,601,882	45,073,772	27,130,785	72,510,617
Mixed origin	2,803	118,739	207,132,579	332,661,603	406,181,007	747,467,960
Grand totals, 1948	**33,420**	**1,155,721**	**2,409,368,190**	**6,632,881,628**	**4,938,786,981**	**11,875,169,685**
Farm origin group:						
From field crops	6,331	177,251	330,556,836	1,414,340,575	829,429,377	2,276,770,345
From animal husbandry	4,011	136,556	244,164,247	1,275,330,953	441,050,438	1,733,044,565
Totals, farm origin	**10,342**	**313,807**	**574,721,083**	**2,689,671,528**	**1,270,479,815**	**4,009,814,910**
Canadian origin	9,417	246,497	442,329,220	2,297,021,848	984,848,185	3,319,947,808
Foreign origin	925	67,310	132,391,863	392,649,680	285,631,630	689,867,102
1949						
Farm origin	10,023	312,573	608,297,050	2,664,102,189	1,327,990,992	4,042,745,891
Mineral origin	5,936	453,960	1,147,317,944	2,652,631,878	2,315,722,610	5,133,084,333
Forest origin	15,467	255,671	562,316,999	1,051,100,174	1,158,202,397	2,288,386,108
Marine origin	599	11,856	16,969,825	69,090,041	41,140,022	111,961,148
Wild life origin	663	8,370	18,008,212	38,475,825	28,844,758	67,646,428
Mixed origin	3,104	128,777	238,980,627	367,830,957	458,665,655	835,769,392
Grand totals, 1949	**35,792**	**1,171,207**	**2,591,890,657**	**6,843,231,064**	**5,330,566,434**	**12,479,593,300**

TABLE 12. Principal Statistics of the Manufacturing Industries, Classified According to Origin of Material Used, by Main Groups, Significant Years 1924-49 — Concluded

Year and origin	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
	No.	No.	$	$	$	$
Farm origin group:						
From field crops	6,165	175,715	348,944,897	1,414,938,794	863,950,508	2,313,027,879
From animal husbandry	3,858	136,858	259,352,153	1,249,163,395	464,040,484	1,729,718,012
Totals, farm origin	**10,023**	**312,573**	**608,297,050**	**2,664,102,189**	**1,327,990,992**	**4,042,745,891**
Canadian origin	9,204	247,762	473,274,682	2,289,435,804	1,041,245,310	3,369,356,461
Foreign origin	819	64,811	135,022,368	374,666,385	286,745,682	673,389,430

1. For the year 1924 the figures for "Cost of Materials" and "Gross Value of Products" include the value placed on intermediate products used in further processes in the chemical group of industries. For this reason these figures differ slightly from those contained in the other tables of this report.

Subsection 4. Manufactures Classified by Type of Ownership

This subsection deals with the type of ownership under which Canadian manufacturers operate. The first survey in 1946 did not include the fish-curing and packing industry, information for which was not available at that time. For this reason the figures for 1946 are not strictly comparable with those for succeeding years, although the inclusion of that industry has not materially altered the percentage distribution of individual ownership, incorporated companies, etc.

Of the 35,792 establishments operating in 1949, 1,332 establishments in the periodical publishing industry were unclassifiable, leaving 34,460 establishments in the four categories of ownership. Individual ownership numbered 15,848 establishments, partnerships 5,448, incorporated companies 12,174 and co-operatives 990. The percentage distribution of the four categories of ownership are given below for the years 1946 to 1949.

Year	Individual ownership	Partnerships	Incorporated companies	Co-operatives
1946 (estimated)	47.3	16.0	33.4	3.3
1947	46.4	16.1	34.3	3.2
1948	46.2	16.4	34.4	3.0
1949	46.0	15.8	35.3	2.9

As is to be expected, the smaller establishments, regardless of the type of products manufactured, are carried on under individual ownership. In that category industries conducted on a small scale contain a large number of establishments, the percentage decreasing as the scale of operations increases, as the following statement shows.

No.	Group	Average number of employees per establishment	Percentage of individual ownership establishments to total
1.	Leather products	4.7	32.5
2.	Wood products	10.9	63.1
3.	Food and beverages	19.8	49.9
4.	Printing, publishing and allied trades	22.5	49.0
5.	Non-metallic mineral products	27.6	34.7
6.	Miscellaneous manufacturing industries	29.6	31.4
7.	Clothing (textile and fur)	38.5	29.0
8.	Chemicals and chemical products	39.9	18.4
9.	Iron and steel products	69.7	26.1
10.	Non-ferrous metal products	84.0	27.4
11.	Textiles (except clothing)	91.8	27.3
12.	Paper products	145.9	9.0
13.	Tobacco and tobacco products	148.4	38.9
14.	Electrical apparatus and supplies	153.2	13.4
15.	Transportation equipment	175.8	34.4
16.	Products of petroleum and coal	189.0	—
17.	Rubber products	334.3	8.1
	All groups	**32.7**	**46.0**

It is therefore found, according to Table 13, that in the wood products group 63 p.c. of the establishments were under individual ownership. The food and beverages group had 50 p.c. of its establishments in this classification, followed by printing, publishing and allied trades with 49 p.c., tobacco products 39 p.c., non-metallic mineral products 35 p.c., transportation equipment 34 p.c., leather products 33 p.c., miscellaneous industries 31 p.c., clothing (textile and fur) 29 p.c., textiles (except clothing) 27 p.c., non-ferrous metal products 27 p.c. etc.

The establishments operating under individual ownership are not as important from the point of view of employment provided as their large numbers would indicate. According to Tables 15 and 16, these establishments which comprise 46 p.c. of the total only had 7 p.c. of the total employees. Partnerships accounted for 16 p.c. of the number of establishments and 4 p.c. of the total employees. Incorporated companies with 35 p.c. of the number of establishments had 88 p.c. of the employees. Co-operatives with 3 p.c. of the number had 1 p.c. of the employees.

On the basis of employment provided, incorporated companies are by a very wide margin the most important factor in the employment field. In the petroleum and coal products group 100 p.c. of the employees were reported by such companies. Companies in the rubber products group had 99 p.c., paper products 99 p.c., transportation equipment 98 p.c., electrical apparatus and supplies 98 p.c., chemicals and allied products 97 p.c., tobacco and tobacco products 96 p.c., textiles (except clothing) 96 p.c., non-ferrous metal products 95 p.c., iron and its products 94 p.c., etc. Companies in the wood products group with 68.2 reported the lowest percentage of the total employment.

TABLE 13. Percentage Distribution of Establishments in the Manufacturing Industries, Classified by Type of Ownership, by Provinces and Industrial Groups, 1949

Province or group	Individual ownership	Partnerships	Incorporated companies	Co-operatives	Total
	p.c.	p.c.	p.c.	p.c.	p.c.
Province					
Newfoundland	63.0	24.8	12.0	0.2	100.0
Prince Edward Island	51.4	16.9	22.5	9.2	100.0
Nova Scotia	52.8	17.4	27.5	2.3	100.0
New Brunswick	54.7	12.3	30.0	3.0	100.0
Quebec	51.0	12.3	32.2	4.5	100.0
Ontario	41.0	16.6	40.7	1.7	100.0
Manitoba	40.2	16.6	40.8	2.4	100.0
Saskatchewan	56.8	15.4	22.7	5.1	100.0
Alberta	51.7	18.1	26.5	3.7	100.0
British Columbia	34.3	21.7	42.5	1.5	100.0
Yukon and Northwest Territories	72.2	11.1	16.7	—	100.0
Canada	**46.0**	**15.8**	**35.3**	**2.9**	**100.0**
Industrial group					
Foods and beverages	49.9	11.6	27.5	11.0	100.0
Tobacco and tobacco products	38.9	6.9	50.0	4.2	100.0
Rubber products	3.1	12.9	79.0	—	100.0
Leather products	32.6	15.5	51.8	0.1	100.0
Textile products (except clothing)	27.4	13.5	58.9	0.2	100.0
Clothing (textile and fur)	29.0	21.4	49.6	—	100.0
Wood products	63.1	18.9	17.8	0.2	100.0
Paper products	9.0	4.6	86.4	—	100.0
Printing, publishing and allied industries[1]	49.0	15.8	34.8	0.4	100.0
Iron and steel products	26.1	17.4	56.2	0.3	100.0
Transportation equipment	34.4	13.3	52.3	—	100.0
Non-ferrous metal products	27.4	17.2	55.4	—	100.0
Electrical apparatus and supplies	13.4	9.9	76.7	—	100.0
Non-metallic mineral products	34.7	18.6	46.6	0.1	100.0
Products of petroleum and coal	—	—	100.0	—	100.0
Chemical products	18.4	6.5	74.7	0.4	100.0
Miscellaneous manufacturing industries	31.3	16.6	52.1	—	100.0

1. Four main categories of ownership only; the non-classifiable group is not included.

TABLE 14. Percentage Distribution of Employment in the Manufacturing Industries, Classified by Type of Ownership, by Provinces and Industrial Groups, 1949[1]

Province or Group	Individual ownership	Partnerships	Incorporated companies	Co-operatives	Total
	p.c.	p.c.	p.c.	p.c.	p.c.
Province					
Newfoundland	13.1	8.0	78.8	0.1	100.0
Prince Edward Island	22.3	10.6	59.6	7.5	100.0
Nova Scotia	11.9	4.7	82.2	1.2	100.0
New Brunswick	11.4	3.8	83.1	1.7	100.0
Quebec	3.4	4.3	86.4	0.9	100.0
Ontario	4.9	3.7	91.0	0.4	100.0
Manitoba	6.2	4.6	87.6	1.6	100.0
Saskatchewan	13.4	7.7	69.9	9.0	100.0
Alberta	12.4	8.1	76.5	3.0	100.0
British Columbia	5.7	5.0	86.6	2.7	100.0
Yukon and Northwest Territories	31.1	3.4	65.5	—	100.0
Canada	**6.8**	**4.2**	**88.0**	**1.0**	**100.0**
Industrial Group					
Foods and beverages	11.7	4.6	78.5	5.2	100.0
Tobacco and tobacco products	1.1	0.4	95.7	2.8	100.0
Rubber products	0.3	0.5	99.2	—	100.0
Leather products	3.5	6.2	85.3	0.0	100.0
Textile products (except clothing)	2.7	1.8	95.5	0.0	100.0
Clothing (textile and fur)	8.8	10.3	80.9	—	100.0
Wood products	21.0	10.4	68.2	0.4	100.0
Paper products	0.5	0.4	99.1	—	100.0
Printing, publishing and allied industries[1]	10.0	5.7	83.0	1.3	100.0
Iron and steel products	2.9	2.5	94.3	0.3	100.0
Transportation equipment	0.9	0.7	98.4	—	100.0
Non-ferrous metal products	3.2	2.0	94.8	—	100.0
Electrical apparatus and supplies	0.9	1.5	97.6	—	100.0
Non-metallic mineral products	6.3	5.6	88.0	0.1	100.0
Products of petroleum and coal	—	—	100.0	—	100.0
Chemical products	1.5	0.7	97.5	0.3	100.0
Miscellaneous manufacturing industries	7.6	5.5	86.9	—	100.0

1. Four main categories of ownership only; the non-classifiable group is not included.

TABLE 15. Percentage Distribution of Employment in the Forty Leading Industries, by Type of Ownership, 1949

Industry	Individual ownership	Partnerships	Incorporated companies	Co-operatives	Total
	p.c.	p.c.	p.c.	p.c.	p.c.
Pulp and paper mills	—	0.1	99.9	—	100.0
Slaughtering and meatpacking	2.0	2.0	92.9	3.1	100.0
Non-ferrous metal smelting and refining	—	—	100.0	—	100.0
Motor vehicles	—	—	100.0	—	100.0
Petroleum products	—	—	100.0	—	100.0
Sawmills	31.1	12.7	55.9	0.3	100.0
Butter and cheese	12.7	4.2	61.2	21.9	100.0
Primary iron and steel	—	—	100.0	—	100.0
Railway and rolling stock equipment	0.0	—	100.0	—	100.0
Flour mills	2.4	3.3	92.6	1.7	100.0
Clothing, men's factory	4.9	8.5	86.6	—	100.0
Cotton yarn and cloth	0.1	0.1	99.8	—	100.0
Bread and other bakery products	29.8	8.0	61.7	0.5	100.0
Clothing, women's factory	9.6	12.6	77.8	—	100.0
Rubber goods including footwear	0.3	0.5	99.2	—	100.0
Agricultural implements and machinery	0.9	1.6	96.2	1.3	100.0
Motor vehicle parts	1.6	1.1	97.3	—	100.0
Printing and publishing	6.6	3.6	88.5	1.3	100.0
Miscellaneous electrical products	0.5	1.2	98.3	—	100.0
Miscellaneous foods	7.1	3.9	89.0	—	100.0
Machinery, heavy electrical	0.0	1.0	99.0	—	100.0
Furniture	10.9	9.1	80.0	—	100.0
Sheet metal products	3.2	2.7	94.1	—	100.0
Feeds, stock and poultry, prepared	12.6	6.7	65.2	15.5	100.0
Fruit and vegetable preparations	6.9	5.8	83.3	4.0	100.0
Machinery, industrial	2.3	1.5	95.8	0.4	100.0
Malt liquors	0.0	—	100.0	—	100.0
Planing mills, sash and door factories	19.1	10.4	70.5	0.0	100.0
Castings, iron	3.3	3.5	93.2	—	100.0
Synthetic textiles and silk	0.4	—	99.6	—	100.0
Printing and bookbinding	16.4	9.0	72.9	1.7	100.0
Boxes and bags, paper	1.6	0.9	97.2	0.3	100.0
Sugar refining	—	—	100.0	—	100.0
Boots and shoes, leather	3.2	3.6	88.2	—	100.0
Brass and copper products	2.7	1.5	95.8	—	100.0
Tobacco, cigars and cigarettes	1.2	0.6	93.2	—	100.0
Fish processing[1]	12.8	3.9	72.8	10.5	100.0
Confectionery	5.0	3.5	91.5	—	100.0
Coke and gas products	—	—	100.0	—	100.0
Miscellaneous paper goods	2.0	1.7	96.3	—	100.0

1. Not including Newfoundland.

TABLE 16. Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Type of Ownership, 1949

Provinces and Groups	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Canada:						
Individual ownership	15,048	79,097	115,384,326	3,987,120	295,711,924	503,243,729
Partnerships	5,448	49,612	83,926,585	4,464,004	183,118,464	329,622,528
Incorporated companies	12,174	1,026,614	2,365,937,982	289,722,720	6,189,620,221	11,417,942,088
Co-operatives	990	11,212	19,118,606	2,621,958	157,213,381	195,079,913
Not classifiable[1]	1,332	4,672	6,923,158	—	17,566,574	33,705,042
Totals	**35,792**	**1,171,207**	**2,591,890,657**	**305,795,802**	**6,843,231,064**	**12,479,593,300**
Newfoundland:						
Individual ownership	495	911	770,964	75,170	1,283,609	2,745,559
Partnerships	195	552	406,653	32,285	643,111	1,327,430
Incorporated companies	94	5,459	14,300,347	3,009,749	29,259,178	63,136,793
Co-operatives	2					
Not classifiable[1]	7	12	3,372	129	37,275	54,500
Totals	**793**	**6,934**	**15,486,336**	**3,117,333**	**31,228,173**	**67,264,282**
Prince Edward Island:						
Individual ownership	128	389	332,358	44,231	1,263,730	1,968,413
Partnerships	42	185	202,231	24,510	326,660	1,224,235
Incorporated companies	56	1,040	1,493,508	164,005	10,145,073	13,373,344
Co-operatives	23					
Not classifiable[1]	2	133	100,403	14,990	1,301,681	1,556,850
Totals	**251**	**1,747**	**2,133,555**	**247,736**	**13,537,144**	**18,123,200**
Nova Scotia:						
Individual ownership	759	3,482	3,763,903	333,377	11,208,353	19,020,637
Partnerships	250	1,377	1,440,105	122,758	3,976,581	7,104,696
Incorporated companies	395	24,049	49,091,126	8,934,677	118,637,412	218,324,930
Co-operatives	33	352	333,418	65,380	1,877,283	2,946,309
Not classifiable[1]	43	51	38,020	—	142,270	195,817
Totals	**1,480**	**29,311**	**54,686,577**	**9,456,192**	**135,841,899**	**247,592,389**
New Brunswick:						
Individual ownership	569	2,666	2,980,001	305,617	7,447,829	13,381,276
Partnerships	128	599	1,094,840	73,772	2,657,730	4,687,976
Incorporated companies	312	19,443	39,653,246	8,057,031	116,066,704	206,675,308
Co-operatives	32	391	456,514	77,943	5,320,348	6,536,193
Not classifiable[1]	19	42	30,218	—	111,562	225,438
Totals	**1,060**	**23,446**	**44,219,819**	**8,514,563**	**131,804,253**	**231,506,191**
Quebec:						
Individual ownership	5,706	32,526	45,876,347	3,265,345	115,172,733	197,699,184
Partnerships	1,374	16,895	28,099,899	1,275,236	59,659,142	110,167,447
Incorporated companies	3,606	335,597	727,230,747	103,806,533	1,735,928,125	3,395,596,562
Co-operatives	498	3,323	4,664,411	726,696	59,135,236	67,757,535
Not classifiable[1]	395	1,934	3,657,866	—	7,898,405	17,276,345
Totals	**11,579**	**390,275**	**809,579,270**	**109,073,812**	**2,027,793,643**	**3,788,497,123**
Ontario:						
Individual ownership	5,110	27,086	44,507,911	3,453,312	123,859,774	201,257,025
Partnerships	2,066	20,633	38,394,344	1,933,167	85,301,435	149,957,134
Incorporated companies	5,072	505,235	1,215,712,895	132,916,516	3,011,013,459	5,703,125,885
Co-operatives	210	2,377	4,592,059	492,008	29,537,278	36,029,491
Not classifiable[1]	493	1,859	2,337,225	—	6,742,922	11,435,249
Totals	**12,951**	**557,190**	**1,305,544,434**	**138,795,903**	**3,256,454,918**	**6,103,804,834**
Manitoba:						
Individual ownership	572	2,364	3,757,929	295,986	9,639,113	16,364,212
Partnerships	236	1,332	3,109,445	170,758	7,739,895	13,045,943
Incorporated companies	530	36,585	77,709,526	7,644,638	273,279,643	433,409,597
Co-operatives	34	672	1,213,504	133,537	7,446,479	10,375,048
Not classifiable[1]	56	173	257,674	—	394,368	1,434,112
Totals	**1,520**	**41,956**	**86,088,380**	**8,244,919**	**299,101,498**	**474,681,912**
Saskatchewan:						
Individual ownership	521	1,450	1,760,770	182,792	3,278,913	6,596,914
Partnerships	141	535	1,202,627	122,121	3,342,163	5,617,187
Incorporated companies	209	7,539	17,461,551	3,444,979	139,850,773	181,825,907
Co-operatives	47	971	1,811,574	286,526	17,699,623	21,465,093
Not classifiable[1]	44	46	37,420	—	177,869	237,607
Totals	**962**	**10,541**	**22,273,942**	**4,036,418**	**164,349,341**	**215,742,708**
Alberta:						
Individual ownership	930	3,285	4,624,464	448,618	11,179,240	19,949,544
Partnerships	290	2,121	3,389,620	277,837	9,093,783	15,729,375
Incorporated companies	426	20,148	45,527,324	5,046,628	215,346,846	317,330,523
Co-operatives	60	789	1,455,049	176,682	15,337,133	18,299,726
Not classifiable[1]	79	82	113,597	—	407,057	685,952
Totals	**1,685**	**26,425**	**55,115,554**	**5,949,765**	**251,364,059**	**371,995,120**
British Columbia:						
Individual ownership	1,145	4,672	7,462,365	563,395	11,216,953	23,988,791
Partnerships	724	4,173	6,582,231	431,037	9,619,260	20,749,355
Incorporated companies	1,421	71,407	177,429,491	16,533,762	489,364,452	834,049,110
Co-operatives	51	2,201	4,436,439	647,167	19,554,030	28,101,820
Not classifiable[1]	152	476	440,646	—	1,157,634	2,119,012
Totals	**3,493**	**82,934**	**196,403,722**	**18,230,411**	**531,112,329**	**959,008,088**
Yukon and Northwest Territories:						
Individual ownership	13	46	86,809	14,677	111,677	272,174
Partnerships	2	5	4,540	471	3,654	11,650
Incorporated companies	3	97	267,719	114,202	528,476	1,093,629
Totals	**18**	**148**	**359,068**	**128,750**	**643,807**	**1,377,453**

1. Consists of the industry "Publishing (only) of Periodicals", collected for the first time in 1949.

TABLE 17. Principal Statistics of the Manufacturing Industries of Canada Classified by Industrial Groups, and by Type of Ownership, 1949

Industrial group	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
1. Foods and Beverages:						
Individual ownership	4,269	19,627	27,204,033	4,540,346	152,100,543	204,393,773
Partnerships	959	7,835	11,979,500	1,556,746	63,336,961	92,550,337
Incorporated companies	2,358	133,444	275,797,169	30,317,630	1,640,427,165	2,407,502,620
Co-operatives	942	8,918	14,555,312	2,402,922	147,881,693	173,134,473
Totals	**8,558**	**170,024**	**332,536,319**	**39,318,144**	**2,009,246,062**	**2,882,581,753**
2. Tobacco and Tobacco Products :						
Individual ownership	20	115	193,763	5,340	163,755	308,965
Partnerships	5	49	80,089	1,035	84,967	135,438
Incorporated companies	36	10,225	21,337,316	512,621	110,945,364	169,226,467
Co-operatives	3	294	370,203	14,245	2,157,610	2,699,343
Totals	**72**	**10,686**	**21,896,378**	**533,791**	**113,357,196**	**172,420,213**
3. Rubber Products:						
Individual ownership	5	59	73,440	4,621	38,372	150,696
Partnerships	5	107	173,716	9,550	77,702	391,676
Incorporated companies	49	20,563	47,917,051	2,888,127	73,779,644	177,961,185
Totals	**62**	**20,729**	**48,172,207**	**2,902,328**	**73,895,718**	**178,503,559**
4. Leather Products:						
Individual ownership	243	2,977	4,467,363	95,614	7,750,231	14,225,601
Partnerships	116	2,151	3,444,404	89,187	5,935,956	11,196,502
Incorporated companies	387	29,772	51,786,119	1,592,227	104,183,275	185,381,871
Co-operatives	1					
Totals	**747**	**34,960**	**59,699,886**	**1,777,028**	**117,869,462**	**210,804,174**
5. Textile Products (Except Clothing):						
Individual ownership	232	2,087	3,323,282	172,533	6,865,097	12,556,892
Partnerships	114	1,431	2,546,161	81,764	5,385,730	9,551,712
Incorporated companies	499	74,255	150,292,111	11,233,516	327,390,123	614,715,526
Co-operatives	2					
Totals	**847**	**77,773**	**156,166,554**	**11,537,813**	**339,644,950**	**636,824,130**
6. Clothing (Textile and Fur):						
Individual ownership	937	10,395	17,094,886	254,525	33,845,252	62,901,664
Partnerships	655	12,091	22,806,503	273,635	44,723,144	83,263,735
Incorporated companies	1,916	95,266	166,811,393	3,100,607	292,560,437	581,313,437
Totals	**3,458**	**117,752**	**206,512,782**	**3,628,767**	**371,128,833**	**727,498,836**
7. Wood Products:						
Individual ownership	7,058	25,530	32,122,578	2,206,231	65,737,236	125,994,278
Partnerships	2,116	12,613	17,895,667	1,046,177	33,476,373	65,736,717
Incorporated companies	1,997	82,979	173,925,948	6,491,005	336,063,127	645,643,130
Co-operatives	20	505	958,451	46,010	1,360,717	2,931,509
Totals	**11,191**	**121,632**	**224,902,644**	**9,789,423**	**436,637,453**	**840,355,634**
8. Paper Products:						
Individual ownership	47	376	597,036	16,445	953,786	2,490,060
Partnerships	24	291	639,980	26,416	927,715	1,860,501
Incorporated companies	453	75,804	207,111,605	66,428,326	492,419,000	1,088,709,765
Totals	**524**	**76,471**	**208,348,621**	**66,471,189**	**494,300,501**	**1,093,060,326**
9. Printing, Publishing and Allied Industries:						
Individual ownership	1,242	5,725	9,826,413	411,786	6,484,929	22,004,368
Partnerships	401	3,259	6,195,464	183,762	3,334,459	13,254,834
Incorporated companies	852	47,449	116,870,930	2,418,141	95,813,520	305,237,832
Co-operatives	9	729	1,674,019	47,438	964,969	3,706,006
Not classifiable[1]	1,332	4,672	6,923,158	—	17,566,574	33,705,042
Totals	**3,866**	**61,834**	**141,489,984**	**3,061,127**	**124,684,351**	**377,908,182**
10. Iron and Steel Products:						
Individual ownership	612	4,675	8,802,930	432,012	7,412,325	22,099,433
Partnerships	409	4,070	7,703,276	336,112	6,176,051	18,815,833
Incorporated companies	1,316	154,333	395,533,112	37,893,436	604,206,664	1,374,390,780
Co-operatives	6	544	1,133,233	50,660	1,704,216	3,339,679
Totals	**2,347**	**163,622**	**413,227,553**	**38,712,220**	**619,499,256**	**1,419,145,725**
11. Transportation Equipment:						
Individual ownership	205	1,005	1,575,761	74,165	1,420,933	3,543,034
Partnerships	79	721	1,430,216	62,325	1,029,331	3,200,455
Incorporated companies	312	103,024	267,846,134	12,431,347	581,614,033	1,056,163,903
Totals	**596**	**104,750**	**270,852,111**	**12,617,837**	**584,064,330**	**1,063,211,331**
12. Non-ferrous Metal Products:						
Individual ownership	146	1,419	2,711,255	144,066	3,196,752	7,927,959
Partnerships	91	877	1,645,316	54,089	1,933,321	4,519,836
Incorporated companies	295	42,402	110,234,533	40,501,614	532,033,141	354,595,231
Totals	**532**	**44,698**	**114,591,106**	**40,699,769**	**537,218,214**	**867,043,028**
13. Electrical Apparatus and Supplies:						
Individual ownership	43	523	966,709	36,234	1,716,820	3,346,255
Partnerships	36	819	1,665,336	44,751	3,215,301	6,402,045
Incorporated companies	286	54,574	134,641,476	4,402,934	207,524,933	476,533,025
Totals	**365**	**55,916**	**137,278,521**	**4,483,959**	**212,460,413**	**486,286,355**

TABLE 17. Principal Statistics of the Manufacturing Industries of Canada Classified by Industrial Groups, and by Type of Ownership, 1949 — Concluded

Industrial Group	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
14. Non-metallic Mineral Products:						
Individual ownership	354	1,756	2,951,599	393,908	2,942,647	3,180,074
Partnerships	190	1,530	3,073,610	570,777	3,540,755	9,686,953
Incorporated companies	475	24,803	58,569,145	23,219,434	72,017,663	228,590,772
Co-operatives	1					
Totals	**1,020**	**28,139**	**64,594,354**	**24,184,119**	**78,401,065**	**246,457,799**
15. Products of Petroleum and Coal:						
Incorporated companies	77	14,552	39,783,500	24,375,501	391,036,128	533,730,719
Totals	**77**	**14,552**	**39,783,500**	**24,875,501**	**391,036,128**	**533,730,719**
16. Chemicals and Chemical Products:						
Individual ownership	191	617	979,182	60,155	1,592,287	3,470,855
Partnerships	67	272	479,938	30,478	938,891	1,925,321
Incorporated companies	775	40,317	98,951,041	19,081,553	274,409,060	577,909,731
Co-operatives	4	122	280,501	45,533	3,013,707	4,092,308
Totals	**1,037**	**41,328**	**100,690,662**	**19,217,719**	**280,008,945**	**587,398,215**
17. Miscellaneous Industries:						
Individual ownership	280	2,011	3,169,086	133,139	3,586,147	9,345,690
Partnerships	148	1,441	2,359,105	97,080	2,944,607	7,009,997
Incorporated companies	465	22,949	45,619,284	1,740,849	53,247,433	140,007,634
Totals	**893**	**26,401**	**51,147,475**	**1,985,068**	**59,778,187**	**156,363,321**

1. The Publishing (only) of Periodicals Industry which was included for the first time in 1949.

Subsection 5. Leading Manufacturing Industries

In the following statement, the rank of the ten leading industries in 1949, from the standpoint of gross value of production, is compared with their respective ranks in significant years since 1922.

Industry	Rank in						
	1949	1948	1944	1939	1933	1929	1922
Pulp and paper	1	1	5	2	1	1	2
Slaughtering and meat packing	2	2	1	3	3	2	3
Non-ferrous metal smelting and refining	3	3	2	1	2	9	1
Motor vehicles	4	6	7	5	11	4	6
Petroleum products	5	7	14	6	6	10	9
Sawmills	6	5	11	8	14	5	4
Butter and cheese	7	8	10	4	5	6	5
Primary iron and steel	8	10	13	11	31	16	20
Railway rolling-stock	9	11	16	16	23	7	24
Flour mills	10	9	12	7	4	3	1

1. Did not rank among forty leading industries in 1922.

A prominent feature of Canadian manufacturing development during the past 25 years has been the rapid growth of non-ferrous metal smelting. This industry, based upon the rich base-metal resources of the country, has taken its place among the leading manufactures along with the industries based upon forest, agricultural and live-stock resources.

The incidence of the depression resulted in a rearrangement in the ranking of many industries which in some cases has proved to be temporary. During the War, the industries engaged in producing the equipment needed by the Armed Forces, such as shipbuilding, aircraft, automobiles, miscellaneous chemical products, and primary iron and steel, advanced to higher positions. When the War ended, the industries engaged in the production of consumer goods, by reason of the expanded demand for their products, bettered their positions. Pulp and paper, after a lapse for a number of years, resumed its premier position.

With one exception, the same industries in the lead in 1948 remained in the first ten places in 1949, although the order changed slightly. The electrical apparatus and supplies industry which for many years ranked amongst the first ten industries dropped out from this classification in 1949. This was not due to a change in its importance as a producer of manufactured products, but to the change in its composition introduced by the Standard Industrial Classification which now provides for five industries instead of only one formerly. These subdivisions are (a) batteries, (b) heavy electrical machinery, (c) radios and radio parts, (d) refrigerators, vacuum cleaners and appliances, and (e) miscellaneous electrical products.

TABLE 18. Principal Statistics of the Forty Leading Industries of Canada, Ranked According to Gross Value of Products, 1948

No.	Industry	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
		No.	No.	$	$	$	$
1	Pulp and paper	117	51,924	151,662,761	349,244,083	412,770,470	825,857,664
2	Slaughtering and meat packing	140	21,879	51,828,514	593,530,918	92,329,708	689,546,149
3	Non-ferrous metal smelting and refining	17	19,701	52,276,837	393,264,689	146,830,891	576,383,967
4	Electrical apparatus and supplies	314	53,873	122,113,644	180,344,829	241,333,960	425,725,279
5	Sawmills	7,035	56,756	95,065,676	208,568,170	196,936,196	409,267,472
6	Automobiles	11	24,703	68,477,721	249,754,235	145,601,075	398,056,575
7	Petroleum products	44	8,495	22,061,959	314,149,364	63,137,198	394,934,200
8	Butter and cheese	1,951	21,824	37,916,437	299,188,542	73,102,643	378,230,072
9	Flour and feed mills	924	7,124	14,055,651	269,249,436	39,294,079	310,768,700
10	Primary iron and steel	55	29,367	77,357,760	132,779,063	125,276,948	282,167,150
11	Railway rolling-stock	38	31,371	77,861,850	127,092,740	105,663,801	237,382,892
12	Machinery	339	29,963	69,523,844	86,362,337	143,759,382	232,605,829
13	Clothing, women's factory	1,160	33,416	59,363,042	114,028,998	108,271,992	222,814,726
14	Clothing, men's factory	563	31,092	50,988,960	111,670,816	96,772,118	209,028,369
15	Cotton yarn and cloth	47	24,813	45,955,981	119,738,802	80,069,272	203,446,901
16	Rubber goods, including footwear	56	21,703	48,273,015	84,223,731	106,999,669	194,111,934
17	Bread and other bakery products	2,859	31,543	53,407,360	94,383,761	87,500,925	187,933,333
18	Fruit and vegetable preparations	499	16,644	25,450,961	98,326,213	64,783,043	165,505,303
19	Sheet metal products	264	17,346	37,108,588	81,134,995	69,516,241	152,560,903
20	Hosiery and knitted goods	271	27,634	42,807,416	69,114,815	77,806,848	148,556,159
21	Agricultural implements and machinery	69	19,111	45,270,673	81,590,570	63,368,436	146,956,254
22	Printing and publishing	781	24,443	54,580,901	41,207,416	103,644,865	146,213,769
23	Furniture	1,128	25,893	47,666,696	64,188,875	76,441,875	142,242,765
24	Automobile supplies	137	16,388	39,226,370	70,004,484	67,722,822	140,068,414
25	Miscellaneous foods	294	6,440	11,443,469	99,667,103	32,807,509	133,284,924
26	Feeds, stock and poultry	318	4,324	8,472,470	110,950,503	18,868,510	130,946,727
27	Planing mills, sash and door factories	1,391	17,794	30,478,968	75,571,314	50,484,256	127,570,675
28	Breweries	61	8,407	21,252,568	34,995,002	89,783,407	126,939,136
29	Castings, iron	225	19,354	46,387,940	49,005,345	71,414,808	123,738,693
30	Brass and copper products	168	10,661	24,251,055	79,921,765	40,637,792	122,382,484
31	Fish curing and packing	600	12,243	17,041,373	74,587,625	39,468,334	115,838,169
32	Sugar refineries	11	3,267	7,662,318	88,031,106	22,725,610	113,510,547
33	Printing and bookbinding	1,500	21,207	41,947,998	38,564,261	69,429,038	108,978,208
34	Synthetic textiles and silk	45	16,097	30,738,856	41,178,371	62,950,746	107,141,830
35	Tobacco, cigars and cigarettes	62	8,959	17,127,448	53,617,566	53,136,323	107,076,810
36	Shipbuilding and repairing	76	18,399	44,998,444	38,999,154	66,082,386	106,783,268
37	Boxes and bags, paper	172	12,357	22,565,768	63,924,456	41,509,793	106,225,987
38	Boots and shoes, leather	292	21,265	32,513,272	56,073,584	48,731,578	105,339,643
39	Confectionery, cocoa, etc.	196	10,076	15,227,428	56,396,133	45,354,894	102,686,263
40	Coke and gas products	31	5,183	12,704,382	54,885,797	33,926,808	97,027,694
	Totals, leading industries	**24,261**	**843,039**	**1,775,116,424**	**5,249,510,967**	**3,576,246,249**	**9,055,835,837**
	Totals, all industries	**33,420**	**1,155,721**	**2,409,368,190**	**6,632,881,628**	**4,938,786,981**	**11,875,169,685**
	Percentages of leading industries to all industries	72.5	72.9	73.7	79.1	72.3	76.2

TABLE 19. Principal Statistics of the Forty Leading Industries of Canada, Ranked According to Gross Value of Products, 1949

No.	Industry	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
		No.	No.	$	$	$	$
1	Pulp and paper	123	52,050	157,703,868	348,662,719	423,375,527	836,148,393
2	Slaughtering and meatpacking	157	20,586	52,136,180	586,241,637	108,059,063	697,950,039
3	Non-ferrous metal smelting and refining	16	19,150	55,133,065	380,275,977	181,907,847	599,188,135
4	Motor vehicles	15	27,022	76,684,328	300,705,398	182,055,285	485,756,877
5	Petroleum products	47	9,413	26,142,276	336,973,056	82,971,097	436,796,213
6	Sawmills	7,460	55,032	97,449,091	205,935,217	186,120,981	396,415,201
7	Butter and cheese	1,862	22,479	41,612,537	274,298,757	74,705,184	355,004,031
8	Primary iron and steel	55	29,097	82,958,229	147,229,391	136,152,628	305,734,984
9	Railway rolling stock	39	32,410	82,135,159	133,053,360	109,228,718	246,754,026
10	Flour mills[1]	133	5,033	11,965,400	215,404,869	28,342,755	245,274,202
11	Clothing, men's factory	565	33,298	57,343,483	121,485,389	98,546,341	220,701,259
12	Cotton yarn and cloth	53	25,178	49,363,696	124,685,279	83,073,026	211,384,517
13	Bread and other bakery products	2,730	31,763	57,552,745	102,555,311	94,717,220	203,720,116
14	Clothing, women's factory[1]	890	29,129	55,424,392	105,156,893	96,791,010	202,412,558

TABLE 19. Principal Statistics of the Forty Leading Industries of Canada, Ranked According to Gross Value of Products, 1949 — Concluded

No.	Industry	Establishments	Employees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
		No.	No.	$	$	$	$
15	Rubber goods including footwear	62	20,729	48,172,207	73,895,718	101,705,513	178,503,559
16	Agricultural implements and machinery	79	16,588	44,219,589	95,685,026	79,192,612	176,970,283
17	Motor vehicle parts	150	17,898	45,662,602	88,040,691	81,194,554	171,590,042
18	Printing and publishing	784	26,272	63,550,242	48,877,899	118,825,355	169,268,479
19	Electrical apparatus and supplies, n.e.s.[1]	145	19,596	46,967,735	65,469,109	93,945,513	161,008,162
20	Miscellaneous foods	297	6,978	13,319,291	114,717,702	43,386,636	158,974,544
21	Machinery, heavy electrical[1]	46	19,490	51,522,690	63,755,040	92,767,507	158,150,426
22	Furniture	1,187	26,931	53,591,185	70,147,728	85,289,672	157,122,632
23	Sheet metal products	275	16,414	39,304,865	84,810,689	70,098,369	156,717,444
24	Feeds, stock and poultry, prepared	485	5,356	10,889,537	125,645,640	24,361,413	151,470,360
25	Fruit and vegetable preparations	473	14,992	23,863,821	89,502,037	57,106,291	148,762,324
26	Machinery, industrial[1]	296	19,479	48,248,262	48,389,379	97,927,235	148,156,612
27	Breweries	64	8,652	23,461,437	37,939,869	102,125,599	142,399,729
28	Planing mills, sash and door factories	1,501	18,171	33,872,726	80,408,276	55,498,422	137,717,568
29	Castings, iron	231	18,339	46,165,355	55,315,454	74,880,824	133,313,505
30	Synthetic textiles and silk	48	16,828	36,121,584	45,217,912	75,578,244	124,125,414
31	Printing and bookbinding	1,530	22,029	47,147,222	42,773,222	76,974,961	120,822,790
32	Boxes and bags, paper	174	12,763	25,513,079	72,113,972	47,333,714	120,321,918
33	Sugar refining	11	3,587	8,842,783	90,172,181	23,703,295	116,767,430
34	Boots and shoes, leather	284	22,290	36,733,243	61,023,445	54,956,420	116,514,620
35	Brass and copper products	162	9,389	22,943,888	73,045,193	40,700,161	115,407,796
36	Tobacco, cigars and cigarettes	57	9,029	19,028,381	59,319,660	53,641,340	113,334,066
37	Fish processing[2]	599	11,856	16,969,825	69,090,041	41,140,022	111,961,148
38	Miscellaneous paper goods	204	9,181	19,476,921	56,444,549	42,868,657	100,230,130
39	Confectionery, cocoa, etc.	206	10,317	17,107,649	51,001,165	47,401,925	99,424,355
40	Coke and gas products	30	5,139	13,641,224	54,063,072	34,847,993	96,934,506
	Total, leading industries	**23,525**	**779,933**	**1,759,941,792**	**5,199,528,422**	**3,603,498,934**	**9,029,210,393**
	Total, all industries	**35,792**	**1,171,207**	**2,591,890,657**	**6,843,231,064**	**5,330,566,434**	**12,479,593,300**
	Percentage of leading industries to all industries	65.7	66.5	67.8	76.0	67.6	72.3

1. Not comparable with previous years.
2. Not including Newfoundland.

Section 4. Principal Factors in Manufacturing Production

The subjects treated under this Section include capital, employment, salaries and wages, size of establishments and power and fuel used in manufacturing.

Subsection 1. Capital Employed

The remarkable increase in capital employed in Canadian manufactures from the beginning of the twentieth century has, of course, run parallel with the rapid growth in industrial operations. From 1900 to 1905 the capital increased from $446,900,000 to $833,900,000, and advanced to $1,958,700,000 in 1915. During this period returns were received from establishments with 5 hands or over, and, while the rise in wholesale prices did not exceed 37 p.c., the capital employed in manufactures increased nearly 340 p.c.

The capital investment in 1943 in all establishments, irrespective of the number of employees, but exclusive of central electric stations, was $6,317,000,000 as compared with $2,234,000,000 in 1917, an increase of 171 p.c., while wholesale prices declined about 13 p.c. in the same period.

Prior to 1944 the following information on capital investment was collected: Fixed Capital — Land, buildings, fixtures, machinery, tools and other equipment. Working Capital — (1) Inventory value of raw materials, stocks in process, fuel and miscellaneous supplies on hand; (2) Inventory value of finished products; (3) Cash, bills and accounts receivable, prepaid expenses, etc.

This was replaced by the collection of expenditure statistics on fixed capital, repairs and maintenance. Although it is now impossible to calculate the total investment in both the fixed and current assets in manufacturing, it is still possible to calculate the investment in fixed assets. By starting with the total investment in 1943 and adding the expenditures to date and then deducting on a straight-line basis the normal rates of depreciation allowed by the Income Tax Department, viz., 2½ p.c. on stone or brick buildings, 5 p.c. on wooden structures and 10 p.c. on machinery and equipment, the total investment in fixed assets can be obtained with an approximate degree of accuracy. In depreciating the assets, no account can be taken of the depreciation of special types of machinery, such as motorvehicles, which carry a higher rate or to double or other special allowances approved by the Income Tax Department in certain cases.

The calculation of the value of the fixed assets as at the end of 1949 is as follows:

Year	(Millions of dollars)					
	Construction			Machinery and equipment		
	Expenditures made	Rate of depreciation to end of 1949	Amount of depreciation	Expenditures made	Rate of depreciation to end of 1949	Amount of depreciation
1944	61.3	15	9.20	150.1	60	90.06
1945	75.9	12½	9.49	204.2	50	102.10
1946	132.2	10	13.22	205.0	40	82.00
1947	184.7	7½	13.85	343.2	30	102.96
1948	184.8	5	9.24	394.2	20	78.84
1949	156.6	2½	3.92	379.2	10	37.92
Totals	**795.5**	**—**	**58.92**	**1,675.9**	**—**	**493.88**
Depreciation	58.9			493.9		
Net additions to end of 1949	736.6			1,182.0		

Comparative figures of the investment in fixed assets since 1939 are as follows

	Amount	Average per employee
	$'000,000	$
1939	2,168.9	3,296
1943	3,002.9	2,420
1948 ($3,002.9 plus $1,570.4)	4,573.3	3,956
1949 ($3,002.9 plus $1,918.6)	4,921.5	4,202

Between 1939 and 1943 there was a drop of $876 in the value of fixed assets per employee. This decline was due to two factors: (1) a decline in the replacement and additions to buildings and equipment, resulting from the restrictions made necessary by the war effort; and (2) an increase in the number of shifts worked which increased the number of employees without a corresponding increase in equipment. Ater the end of the warinvestment in fixedassets became increasingly rapid. Old plants were modernized and new plants built to take care of the expanded home market resulting from an increased population and higher purchasing power. The net result in this development was an increase of $906 in the value of buildings and equipment per employee between 1939 and 1949.

Capital expenditures by manufacturers in 1949 totalled $156,600,000 for construction, and $379,200,000 for machinery and equipment, while $333,900,000 went for repairs and maintenance. Of the total capital expenditure amounting to $535,800,000 in 1949, 17.2 p.c. was reported by the paper products group of industries, 16.5 p.c. by the food group, 11.1 p.c. by iron and steel, 8.0 p.c. by chemicals, 6.9 p.c. by the textile industries, except clothing, 6.1 p.c. by non-ferrous metal products, 5.7 p.c. by wood products, 5.6 p.c. by products of petroleum and coal, 4.6 p.c. by transportation equipment, 4.2 p.c. by printing, publishing and allied trades, 4.1 p.c. by non-metallic mineral products, etc.

TABLE 20. Capital, Repair and Maintenance Expenditures by the Manufacturing Industries, by Provinces and Industrial Groups, 1949, with Totals for 1944-48

Year, Province or Group	Capital expenditure			Repairs and maintenance expenditures		
	Construction	Machinery and equipment	Total	Construction	Machinery and equipment	Total
	$'000,000	$'000,000	$'000,000	$'000,000	$'000,000	$'000,000
1944	61.3	150.1[1]	211.4	60.7	173.5	234.2
1945	75.9	204.2[1]	280.1	63.1	170.6	233.7
1946	132.2	205.0	337.2	56.8	164.3	221.1
1947	184.7	343.2	527.9	62.4	210.7	273.1
1948	184.8	394.2	579.0	78.9	253.9	332.8
Provinces, 1949						
Newfoundland	2.3	6.0	8.3	1.5	3.6	5.1
Prince Edward Island	0.1	0.2	0.3	0.1	0.1	0.2
Nova Scotia	3.4	5.5	8.9	2.7	7.5	10.2
New Brunswick	2.6	10.0	12.6	1.2	6.5	7.7
Quebec	50.4	113.8	164.2	19.1	80.6	99.7
Ontario	63.1	177.1	240.2	30.0	127.3	157.3
Manitoba	3.6	9.9	13.5	2.3	6.5	8.8
Saskatchewan	3.5	7.0	10.5	0.6	2.4	3.0
Alberta	4.4	8.5	12.9	1.6	6.1	7.7
British Columbia	23.2	41.2	64.4	7.6	26.6	34.2
Totals, 1949	**156.6**	**379.2**	**535.8**	**66.7**	**267.2**	**333.9**

1. Includes allowance for capital items charged to operating expense of $18,000,000 in 1944 and $23,900,000 in 1945.

TABLE 20. Capital, Repair and Maintenance Expenditures by the Manufacturing Industries, by Provinces and Industrial Groups, 1949 with Totals for 1944-48 — Concluded

Group and Year	Capital expenditures			Repairs and maintenance expenditures		
	Construction	Machinery and equipment	Total	Construction	Machinery and equipment	Total
	$'000,000	$'000,000	$'000,000	$'000,000	$'000,000	$'000,000
Industrial groups, 1949						
Food and beverages	27.7	60.8	88.5	10.4	30.7	41.1
Tobacco and tobacco products	0.3	2.0	2.3	0.4	1.3	1.7
Rubber products	1.7	5.6	7.3	0.6	4.4	5.0
Leather products	0.6	2.5	3.1	0.7	2.2	2.9
Textile products (except clothing)	7.0	29.9	36.9	3.6	14.9	18.5
Clothing (textile and fur)	3.0	12.7	15.7	1.9	4.9	6.8
Wood products	7.5	22.9	30.4	5.7	18.2	23.9
Paper products	26.8	65.2	92.0	8.7	51.1	59.8
Printing, publishing and allied trades	6.3	16.4	22.7	1.4	3.9	5.3
Iron and steel products	14.6	44.9	59.5	12.4	38.9	51.3
Transportation equipment	6.7	18.2	24.9	5.3	20.2	25.5
Non-ferrous metal products	10.4	22.0	32.4	4.4	22.3	26.7
Electrical apparatus and supplies	4.8	14.1	18.9	2.0	9.4	11.4
Non-metallic mineral products	6.9	15.2	22.1	1.5	14.3	15.8
Products of petroleum and coal	18.1	11.6	29.7	3.0	11.0	14.0
Chemical products	11.9	30.9	42.8	3.9	17.3	21.2
Miscellaneous industries	2.3	4.3	6.6	0.8	2.2	3.0

TABLE 21. Capital, Repair and Maintenance Expenditures by the Manufacturing Industries, by Industrial Groups, 1944-49

Group and Year	Capital expenditures			Repairs and maintenance expenditures		
	Construction	Machinery and equipment	Total	Construction	Machinery and equipment	Total
	$'000,000	$'000,000	$'000,000	$'000,000	$'000,000	$'000,000
Food and beverages:						
1944	10.7	11.4	22.1	8.5	21.2	29.7
1945	18.2	16.2	34.4	11.6	19.8	31.4
1946	24.7	28.4	53.1	12.3	20.5	32.8
1947	33.0	49.8	82.8	10.8	25.7	36.5
1948	31.9	56.5	88.4	13.2	28.6	41.8
1949	27.7	60.8	88.5	10.4	30.7	41.1
Tobacco and tobacco products:						
1944[1]	—	—	—	—	—	—
1945[1]	—	—	—	—	—	—
1946	1.2	0.9	2.1	0.5	0.6	1.1
1947	1.0	2.1	3.1	0.5	1.0	1.5
1948	0.8	1.9	2.7	0.5	1.3	1.8
1949	0.3	2.0	2.3	0.4	1.3	1.7
Rubber products (including footwear):						
1944[1]	—	—	—	—	—	—
1945[1]	—	—	—	—	—	—
1946	3.9	3.6	7.5	1.1	3.7	4.8
1947	2.4	7.8	10.2	1.3	6.1	7.4
1948	1.5	4.5	6.0	0.9	4.6	5.5
1949	1.7	5.6	7.3	0.6	4.4	5.0
Leather products:						
1944[1]	—	—	—	—	—	—
1945[1]	—	—	—	—	—	—
1946	1.6	1.6	3.2	1.1	2.4	3.5
1947	1.2	2.0	3.2	0.9	2.9	3.8
1948	1.2	2.2	3.4	1.0	2.6	3.6
1949	0.6	2.5	3.1	0.7	2.2	2.9
Textile Products (except clothing):						
1944	1.8	4.9	6.7	2.8	7.6	10.4
1945	1.3	7.7	9.0	2.9	8.5	11.4
1946	8.4	16.2	24.6	3.3	10.2	13.5
1947	10.9	25.7	36.6	2.8	12.2	15.0
1948	6.5	29.1	35.6	3.9	14.2	18.1
1949	7.0	29.9	36.9	3.6	14.9	18.5

1. Figures not compiled separately; they are, however, included in the total.

TABLE 21. Capital, Repair and Maintenance Expenditures by the Manufacturing Industries, by Industrial Groups, 1944-49 — Continued

Group and Year	Capital expenditures			Repairs and maintenance expenditures		
	Construction	Machinery and equipment	Total	Construction	Machinery and equipment	Total
	$'000,000	$'000,000	$'000,000	$'000,000	$'000,000	$'000,000
Clothing (textile and fur):						
1944	2.8	1.1	3.9	3.8	3.3	7.1
1945	9.2	4.4	13.6	2.1	3.1	5.2
1946	2.6	5.8	8.4	2.2	3.8	6.0
1947	3.7	10.3	14.0	1.9	4.7	6.6
1948	2.1	10.2	12.3	2.2	4.8	7.0
1949	3.0	12.7	15.7	1.9	4.9	6.8
Wood products:						
1944	2.9	2.4	5.3	4.6	13.5	18.1
1945	1.6	3.6	5.2	5.3	15.2	20.5
1946	10.9	9.5	20.4	5.7	12.2	17.9
1947	11.4	20.7	32.1	6.5	15.6	22.1
1948	7.9	18.5	26.4	7.1	18.9	26.0
1949	7.5	22.9	30.4	5.7	18.2	23.9
Paper products:						
1944	8.0	6.7	14.7	1.9	32.3	34.2
1945	5.8	10.8	16.6	1.9	34.7	36.6
1946	27.2	27.8	55.0	5.3	28.4	33.7
1947	31.2	49.8	81.0	6.4	37.3	43.7
1948	29.1	60.4	89.5	7.0	47.3	54.3
1949	26.8	65.2	92.0	8.7	51.1	59.8
Printing, publishing and allied trades:						
1944	0.2	2.2	2.4	0.6	3.9	4.5
1945	3.9	2.1	6.0	0.8	5.1	5.9
1946	2.9	4.4	7.3	1.3	2.4	3.7
1947	5.4	8.4	13.8	1.6	3.2	4.8
1948	7.0	12.4	19.4	1.6	3.9	5.5
1949	6.3	16.4	22.7	1.4	3.9	5.3
Iron and steel products:						
1944	10.1	22.2	32.3	6.5	26.2	32.7
1945	12.8	18.5	31.3	7.7	24.6	32.3
1946	14.9	22.0	36.9	8.4	22.8	31.2
1947	16.0	38.9	54.9	10.1	32.4	42.5
1948	19.6	36.7	56.3	12.0	38.4	50.4
1949	14.6	44.9	59.5	12.4	38.9	51.3
Transportation equipment:						
1944	1.6	4.7	6.3	11.0	20.8	31.8
1945	2.2	8.6	10.8	8.1	17.2	25.3
1946	5.4	10.3	15.7	3.7	14.4	18.1
1947	5.2	8.9	14.1	3.1	14.2	17.3
1948	5.4	10.0	15.4	5.3	16.8	22.1
1949	6.7	18.2	24.9	5.3	20.2	25.5
Non-ferrous metal products:						
1944	6.4	2.4	8.8	5.0	15.3	20.3
1945	0.7	3.5	4.2	3.8	12.7	16.5
1946	2.3	5.3	7.6	3.1	12.2	15.3
1947	6.7	9.4	16.1	4.7	16.4	21.1
1948	8.9	16.8	25.7	7.8	25.9	33.7
1949	10.4	22.0	32.4	4.4	22.3	26.7
Electrical apparatus and supplies:						
1944[1]	—	—	—	—	—	—
1945[1]	—	—	—	—	—	—
1946	3.0	8.7	11.7	1.2	5.0	6.2
1947	5.3	9.7	15.0	2.0	7.1	9.1
1948	4.8	11.9	16.7	2.2	8.7	10.9
1949	4.8	14.1	18.9	2.0	9.4	11.4
Non-metallic mineral products:						
1944	1.4	1.2	2.6	0.8	6.5	7.3
1945	3.1	2.1	5.2	0.8	7.0	7.8
1946	3.5	4.2	7.7	1.4	8.4	9.8
1947	11.3	10.6	21.9	1.6	9.9	11.5
1948	11.1	17.0	28.1	2.3	13.3	15.6
1949	6.9	15.2	22.1	1.5	14.3	15.8
Products of petroleum and coal:						
1944[1]	—	—	—	—	—	—
1945[1]	—	—	—	—	—	—
1946	5.2	4.6	9.8	2.4	5.2	7.6
1947	23.3	10.4	33.7	3.4	7.8	11.2
1948	29.3	13.4	42.7	6.6	6.3	12.9
1949	18.1	11.6	29.7	3.0	11.0	14.0
Chemical products:						
1944	1.4	1.6	3.0	3.7	8.1	11.8
1945	4.0	3.6	7.6	4.2	7.2	11.4
1946	11.6	8.0	19.6	2.9	10.3	13.2
1947	14.4	19.3	33.7	4.0	12.5	16.5
1948	15.0	26.9	41.9	4.3	15.8	20.1
1949	11.9	30.9	42.8	3.9	17.3	21.2

1. Figures not compiled separately; they are, however, included in the total.

TABLE 21. Capital, Repair and Maintenance Expenditures by the Manufacturing Industries, by Industrial Groups, 1944-49—Concluded

Group and Year	Capital expenditures			Repairs and maintenance expenditures		
	Construction	Machinery and equipment	Total	Construction	Machinery and equipment	Total
	$'000,000	$'000,000	$'000,000	$'000,000	$'000,000	$'000,000
Miscellaneous Industries:						
1944[2]	1.3	81.4[2]	82.7	1.0	1.9	2.9
1945[2]	1.7	110.7[2]	112.4	1.0	1.9	2.9
1946	2.9	43.7	46.6	0.9	1.8	2.7
1947	2.3	59.4	61.7	0.8	1.7	2.5
1948	2.7	65.8	68.5	1.0	2.5	3.5
1949	2.3	4.3	6.6	0.8	2.2	3.0

2. Includes allowance for capital items charged to operating expense of $18,000,000 in 1944 and $23,900,000 in 1945.

Subsection 2. Employment in Manufactures

Monthly Record of Employment. Ordinarily, manufacturing employment in Canada reaches its highest point during the summer months. Some of the seasonal industries, such as canning, are most active then, textile industries are preparing winter goods, and industry generally feels the active demand of the agricultural purchasing power resulting from the prospect of the season's harvest.

After the setback of 1929, employment in 1930, 1931, 1932 and the first half of 1933 declined steadily, the monthly employment figures in each case being lower than the corresponding month of the previous year. The peak of employment in June, 1929, when 575,693 wage-earners were on the payrolls, was surpassed in September, 1937, with 582,305 wage-earners. After the outbreak of war the improvement in employment became increasingly rapid. A record high was reached in August, 1943, when 1,067,890 wage-earners were employed, an increase of 96.4 p.c. over the same month in 1939. The highest employment during 1944 occurred in June when 1,049,557 wage-earners were employed. From then on employment declined steadily to the end of 1945 when 819,619 wage-earners were reported. At the end of 1949 there were 906,851 wage-earners employed, compared with an employment of 961,820 wage-earners in December, 1944, and 1,021,630 in December 1943.

TABLE 22. Wage-Earners Employed in the Manufacturing Industries, by Months and Sex, Significant Years, 1922-49

Month	1922	1929	1933	1939	1943	1948	1949
	All wage-earners						
January	324,257	502,644	340,027	490,337	1,023,261	932,286	928,077
February	336,729	519,423	347,777	496,160	1,030,878	934,038	932,356
March	349,110	536,866	355,888	503,475	1,036,648	934,058	937,714
April	360,248	555,711	358,759	509,739	1,033,748	940,627	944,307
May	382,504	574,905	377,659	530,864	983,058	959,926	961,137
June	393,935	575,693	392,196	531,245	1,058,645	978,438	973,324
July	391,186	573,554	393,464	529,575	1,056,975	974,409	964,813
August	389,511	567,022	402,249	543,605	1,067,890	984,736	975,114
September	392,423	564,796	410,954	562,355	1,066,595	986,472	970,324
October	385,262	553,338	405,757	568,564	1,053,486	966,610	951,017
November	378,992	527,213	396,384	563,117	1,049,738	955,543	934,576
December	367,724	499,893	380,612	544,817	1,021,630	925,625	906,851
	Male						
January	243,682	397,459	257,445	381,997	751,269	715,907	716,005
February	253,178	410,865	260,728	385,955	755,181	718,077	719,374
March	263,849	426,713	267,259	391,623	757,702	722,776	725,953
April	274,821	443,560	271,348	398,982	755,888	729,914	732,906
May	294,095	459,783	285,705	416,963	764,158	746,892	747,614
June	304,395	460,294	296,937	417,975	776,003	762,229	757,575
July	304,020	459,051	300,329	417,987	779,687	758,329	750,579
August	301,234	449,721	302,969	421,895	777,733	759,773	747,518
September	298,918	441,510	304,908	431,509	767,043	754,871	739,768
October	291,973	432,576	301,315	437,220	754,484	740,058	725,853
November	286,511	412,114	294,945	432,920	753,211	732,009	715,188
December	277,854	391,903	285,690	422,538	738,073	713,613	700,141
	Female						
January	80,575	105,185	82,582	108,340	271,992	216,379	212,072
February	83,551	108,558	87,049	110,205	275,697	215,961	212,982
March	85,261	110,153	88,629	111,852	278,946	211,282	211,761
April	85,427	112,142	87,411	110,757	277,860	210,713	211,401
May	88,409	115,122	91,954	113,901	218,900	213,034	213,523
June	89,540	115,399	95,259	113,270	282,642	216,209	215,749
July	87,166	114,503	93,135	111,588	277,288	216,080	214,234
August	88,277	117,301	99,280	121,710	290,157	224,963	227,596
September	93,505	123,286	106,046	130,846	299,552	231,601	230,556
October	93,289	120,762	104,442	131,344	209,002	226,552	225,164
November	92,481	115,099	101,439	130,197	296,527	223,534	219,388
December	89,870	107,990	94,922	122,279	283,557	212,012	206,710

TABLE 23. Wage-earners Employed in the Manufacturing Industries, by Months, Sex and Province, 1948 and 1949

Province	1948			1949		
	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.
Newfoundland:						
January				4,029	720	4,749
February				4,106	719	4,825
March				4,145	711	4,856
April				4,348	766	5,114
May				4,734	818	5,552
June		(not available)		4,703	839	5,542
July				4,650	864	5,514
August				4,730	891	5,621
September				4,443	859	5,302
October				4,447	832	5,279
November				4,055	785	4,840
December				3,662	758	4,420
Prince Edward Island:						
January	570	137	707	613	215	828
February	615	136	751	638	190	828
March	661	124	785	707	179	886
April	794	124	918	836	131	967
May	1,389	819	2,208	1,388	766	2,154
June	1,323	798	2,121	1,322	700	2,022
July	1,048	446	1,494	988	378	1,366
August	1,146	589	1,735	1,131	570	1,701
September	998	400	1,398	989	445	1,434
October	947	308	1,255	955	350	1,305
November	817	240	1,057	814	257	1,071
December	721	167	888	716	192	908
Nova Scotia:						
January	21,114	3,705	24,819	20,106	3,104	23,210
February	20,307	3,284	23,591	20,023	3,020	23,043
March	20,682	3,095	23,777	20,442	2,923	23,365
April	21,586	3,189	24,775	21,139	3,163	24,302
May	23,015	3,857	26,872	23,312	3,921	27,233
June	23,911	4,008	27,919	24,097	4,078	28,175
July	23,855	3,980	27,835	23,717	3,891	27,608
August	23,886	4,026	27,912	22,630	3,770	26,400
September	22,975	3,960	26,935	21,438	3,710	25,148
October	22,054	3,794	25,848	20,730	3,611	24,341
November	21,677	3,751	25,428	20,030	3,543	23,573
December	20,633	3,403	24,036	18,756	3,088	21,844
New-Brunswick:						
January	15,578	3,497	19,075	14,894	3,183	18,077
February	15,276	3,547	18,823	15,355	3,261	18,616
March	16,147	3,511	19,658	15,808	3,049	18,857
April	17,029	3,276	20,305	16,347	3,055	19,402
May	18,708	5,082	23,790	18,227	4,087	22,314
June	19,065	4,939	24,004	18,130	4,280	22,410
July	18,882	4,694	23,576	17,883	4,049	21,932
August	18,142	4,983	23,125	17,411	4,382	21,793
September	17,115	4,298	21,413	16,721	3,991	20,712
October	16,217	3,736	19,953	15,439	3,538	18,977
November	15,314	3,487	18,801	14,340	3,152	17,492
December	14,392	3,337	17,729	14,069	2,808	16,877
Quebec:						
January	221,199	90,055	311,254	223,332	91,054	314,386
February	223,490	91,418	314,908	223,989	92,049	316,038
March	224,202	89,364	313,566	224,846	91,674	316,520
April	229,345	89,023	318,368	229,134	90,488	319,622
May	236,669	88,468	325,137	233,054	89,265	322,319
June	240,115	87,174	327,289	235,900	88,277	324,177
July	238,176	87,088	325,264	234,050	88,184	322,234
August	239,759	89,635	329,394	232,062	91,593	323,655
September	237,793	93,128	330,921	229,543	93,874	323,417
October	232,890	93,381	326,271	224,605	92,962	317,567
November	228,281	93,416	321,697	220,074	91,447	311,521
December	222,428	89,739	312,167	214,282	87,389	301,671
Ontario:						
January	345,152	98,898	444,050	347,219	75,343	422,562
February	347,122	98,434	445,556	349,142	95,082	444,224
March	347,541	96,597	444,138	350,780	94,363	445,143
April	349,419	96,030	445,449	352,855	94,040	446,895
May	354,155	95,253	449,408	356,099	94,071	450,170
June	362,114	98,100	460,214	359,965	96,365	456,330
July	359,084	96,231	455,315	355,175	93,794	448,969
August	360,114	101,323	461,437	356,743	101,886	458,629
September	361,510	106,167	467,677	354,596	104,358	458,954
October	354,753	103,163	457,916	348,344	102,597	450,941
November	354,430	102,024	456,454	344,742	100,095	444,837
December	349,010	96,841	445,851	340,906	94,066	434,972

TABLE 23. Wage-eaners Employed in the Manufacturing Industries, by Months, Sex and Province, 1948 and 1949 — Concluded

Province	1948			1949		
	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.
Manitoba:						
January	25,098	7,557	32,655	25,400	7,860	33,260
February	24,969	7,726	32,695	25,317	8,148	33,465
March	25,080	7,364	32,444	25,244	7,949	33,193
April	25,051	7,332	32,383	25,640	8,145	33,785
May	25,586	7,541	33,127	26,158	8,170	34,328
June	26,360	7,743	34,103	26,590	8,105	34,695
July	26,664	7,947	34,611	26,727	8,317	35,044
August	26,636	8,203	34,839	26,659	8,593	35,252
September	26,364	8,296	34,660	26,606	8,496	35,102
October	26,501	8,380	34,881	26,339	8,366	34,705
November	26,239	8,327	34,566	26,260	8,111	34,371
December	25,418	7,704	33,122	25,372	7,577	32,949
Saskatchewan:						
January	7,412	984	8,396	6,674	857	7,531
February	7,227	1,009	8,236	6,999	878	7,877
March	7,353	1,041	8,394	7,357	915	8,272
April	6,672	1,012	7,684	7,093	1,006	8,099
May	6,931	1,175	8,106	6,976	1,110	8,086
June	7,329	1,312	8,641	7,145	1,180	8,325
July	7,277	1,215	8,492	7,238	1,124	8,362
August	7,035	1,110	8,145	7,102	1,103	8,205
September	6,836	1,129	7,965	6,797	1,074	7,871
October	6,816	1,105	7,921	6,849	1,052	7,901
November	6,848	1,108	7,956	7,004	1,012	8,016
December	6,468	973	7,441	6,658	952	7,610
Alberta:						
January	18,590	2,915	21,505	18,582	2,672	21,254
February	18,235	2,880	21,115	18,650	2,758	21,408
March	18,260	2,832	21,092	18,869	2,825	21,694
April	16,118	2,828	18,946	16,477	2,901	19,378
May	15,949	2,907	18,856	16,541	3,057	19,598
June	16,530	3,108	19,638	16,919	3,171	20,090
July	17,420	3,642	21,062	17,309	3,457	20,766
August	17,334	3,387	20,721	17,193	3,590	20,783
September	17,099	3,271	20,370	17,222	3,444	20,666
October	17,171	3,105	20,276	17,568	3,203	20,771
November	18,058	2,907	20,965	18,489	3,026	21,515
December	18,262	2,753	21,015	18,758	2,998	21,756
British Columbia:						
January	61,164	8,622	69,786	55,099	7,057	62,156
February	60,779	7,516	68,295	55,086	6,870	61,956
March	62,796	7,343	70,139	57,677	7,166	64,843
April	63,836	7,886	71,722	58,943	7,699	66,642
May	64,403	7,919	72,322	61,017	7,251	69,268
June	65,381	9,007	74,388	62,685	8,746	71,431
July	65,811	10,817	76,628	62,723	10,168	72,891
August	65,606	11,690	77,296	61,739	11,210	72,949
September	64,064	10,938	75,002	61,293	10,298	71,591
October	62,633	9,566	72,199	60,509	8,646	69,155
November	60,267	8,263	68,530	59,332	7,955	67,287
December	56,202	7,085	63,287	56,922	6,877	63,799
Yukon and Northwest Territories:						
January	30	9	39	57	7	64
February	57	11	68	69	7	76
March	54	11	65	78	7	85
April	64	13	77	94	7	101
May	87	13	100	108	7	115
June	101	20	121	119	8	127
July	112	20	132	119	8	127
August	115	17	132	118	8	126
September	117	14	131	120	7	127
October	76	14	90	68	7	75
November	78	11	89	48	5	53
December	79	10	89	40	5	45

TABLE 24. Wage-earners Employed in the Manufacturing Industries, by Months, Sex and Industrial Groups, 1949

—	Food and beverages			Tobacco and tobacco products		
	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.
January	91,166	26,842	118,008	4,347	6,619	10,966
February	89,843	26,251	116,094	4,240	6,485	10,725
March	89,795	25,849	115,644	3,391	5,692	9,083
April	94,467	28,033	122,500	3,081	5,535	8,616
May	101,551	32,929	134,480	2,955	5,598	8,553
June	109,503	36,611	146,114	2,979	5,625	8,604

TABLE 24. Wage-earners Employed in the Manufacturing Industries, by Months, Sex and Industrial Groups, 1949 — Continued

	Food and beverages			Tobacco and tobacco products		
	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.
July	111,459	37,828	149,287	2,940	5,459	8,399
August	115,493	46,725	162,218	2,972	5,432	8,404
September	112,646	46,119	158,765	3,045	5,621	8,666
October	106,032	38,649	144,681	3,005	5,503	8,508
November	102,565	33,989	136,554	3,716	6,035	9,751
December	95,941	28,189	124,130	4,198	6,231	10,429
	Rubber products			Leather products		
January	12,869	4,326	17,195	17,891	12,352	30,243
February	12,581	4,125	16,706	18,165	12,704	30,869
March	12,289	4,038	16,327	18,231	12,741	30,972
April	12,002	3,889	15,891	18,125	12,721	30,846
May	11,829	3,899	15,728	18,041	12,732	30,773
June	11,775	3,951	15,726	18,110	12,514	30,624
July	11,753	3,947	15,700	18,111	12,529	30,640
August	11,810	4,096	15,906	18,282	12,807	31,089
September	12,011	4,461	16,472	18,138	13,040	31,178
October	11,294	4,496	15,790	18,001	12,788	30,789
November	11,314	4,440	15,754	17,852	12,503	30,355
December	12,160	4,185	16,345	17,339	12,019	29,358
	Textile products (except clothing)			Clothing (textile and fur)		
January	42,513	27,869	70,382	31,545	70,815	102,360
February	42,775	27,813	70,588	31,873	72,212	104,085
March	42,440	27,550	69,990	31,927	72,807	104,734
April	41,743	26,628	68,371	31,867	71,954	103,821
May	40,221	25,466	65,687	31,265	70,378	101,643
June	40,097	25,298	65,395	30,916	68,965	99,881
July	40,464	25,512	65,976	31,073	66,732	97,805
August	40,344	25,710	66,054	31,667	69,310	100,977
September	40,775	25,488	66,263	31,936	71,243	103,179
October	41,300	25,924	67,524	31,709	71,750	103,459
November	42,053	26,088	68,141	31,206	70,573	101,779
December	42,120	25,731	67,851	30,804	67,430	98,234
	Wood products			Paper products		
January	84,986	5,177	90,163	54,669	8,542	63,211
February	87,141	5,137	92,278	54,596	8,384	62,980
March	93,343	5,177	98,520	54,247	8,373	62,620
April	97,756	5,199	102,955	54,128	8,302	62,430
May	105,995	5,285	111,280	55,978	8,325	64,303
June	109,504	5,328	114,832	57,117	8,452	65,569
July	105,415	5,250	110,665	56,976	8,391	65,367
August	100,051	5,176	105,227	56,327	8,566	64,893
September	95,659	5,143	100,802	56,158	8,872	65,030
October	90,775	5,247	96,022	55,361	9,127	64,488
November	86,614	5,160	91,774	53,864	9,075	62,939
December	82,444	4,879	87,323	52,898	8,805	61,703
	Printing, publishing and allied trades			Iron and steel products		
January	29,189	9,064	38,253	132,801	6,824	139,625
February	29,334	9,188	38,522	132,645	6,839	139,484
March	29,445	8,791	38,236	132,524	6,857	139,381
April	29,503	8,662	38,165	130,881	6,840	137,721
May	29,706	8,824	38,530	129,453	6,809	136,262
June	29,884	9,120	39,004	128,811	6,851	135,662
July	29,163	9,008	38,171	125,562	6,831	132,393
August	29,329	9,108	38,437	124,463	6,820	131,283
September	29,201	8,860	38,061	124,012	6,814	130,826
October	29,468	9,052	38,520	123,043	6,834	129,877
November	29,871	9,252	39,123	123,466	6,733	130,199
December	30,209	8,951	39,160	122,123	6,561	128,684
	Transportation equipment			Non-ferrous metal products		
January	83,854	3,053	86,907	33,470	3,601	37,071
February	86,133	3,154	89,287	33,915	3,587	37,502
March	87,626	3,262	90,888	34,413	3,514	37,927
April	88,137	3,175	91,312	33,902	3,434	37,336
May	88,535	3,046	91,581	33,733	3,362	37,095
June	87,055	3,092	90,147	33,180	3,363	36,543
July	86,920	3,033	89,953	32,786	3,346	36,132
August	85,447	3,063	88,510	32,554	3,501	36,055
September	85,931	3,185	89,116	31,754	3,524	35,278
October	85,845	3,201	89,046	31,597	3,622	35,219
November	83,908	3,200	87,108	31,487	3,673	35,160
December	82,833	3,141	85,974	31,426	3,422	34,848

TABLE 24. Wage-earners Employed in the Manufacturing Industries, by Months, Sex and Industrial Groups, 1949 — Concluded

	Electrical apparatus and supplies			Non-metallic mineral products		
	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.
January	31,632	11,670	43,302	20,505	1,827	22,332
February	31,429	11,752	43,181	20,164	1,888	22,052
March	31,308	11,833	43,141	20,476	1,898	22,374
April	31,273	11,743	43,016	21,254	1,953	23,207
May	31,028	11,594	42,622	22,038	1,980	24,018
June	30,367	11,055	41,422	22,791	1,950	24,741
July	30,124	10,973	41,097	22,883	2,021	24,904
August	30,616	11,306	41,922	23,134	2,068	25,202
September	30,830	11,603	42,433	22,737	2,067	24,804
October	31,216	11,817	43,033	22,145	1,999	24,144
November	31,008	11,960	42,968	21,677	1,896	23,573
December	30,945	11,690	42,635	20,456	1,320	22,276
	Products of petroleum and coal			Chemical products		
January	10,593	88	10,681	21,562	5,121	26,683
February	10,576	89	10,665	21,540	5,117	26,657
March	10,604	90	10,694	21,571	5,097	26,668
April	10,736	88	10,824	21,802	5,095	26,897
May	10,925	90	11,015	22,058	5,069	27,127
June	11,023	92	11,115	21,926	5,307	27,233
July	10,711	92	10,803	21,605	5,261	26,866
August	10,594	92	10,686	21,571	5,423	26,994
September	10,645	92	10,737	21,314	5,472	26,786
October	10,368	90	10,458	21,388	5,496	26,884
November	10,329	87	10,416	21,246	5,470	26,716
December	10,430	85	10,515	21,146	5,156	26,302

Miscellaneous industries	Male	Female	Total	Miscellaneous industries	Male	Female	Total
January	12,413	8,282	20,695	July	12,634	8,021	20,655
February	12,424	8,257	20,681	August	12,864	8,393	21,257
March	12,323	8,192	20,515	September	12,976	8,952	21,928
April	12,249	8,150	20,399	October	13,006	9,569	22,575
May	12,303	8,137	20,440	November	13,012	9,254	22,266
June	12,537	8,175	20,712	December	12,669	8,415	21,084

Hours Worked by Wage-Earners. From 1932, the first year for which figures on hours worked per week by wage-earners are available, to 1945, each firm was required to report the number of hours worked by all its wage-earners during the month in which the greatest number had been employed, the only exception being the years 1938 and 1939 when one week in a month of normal employment was reported. In 1938 the number of hours worked per week were compiled by sex, and a change was also made in the analysis of the weekly hours worked. Since 1940 the hours worked per week include overtime while prior to that overtime was excluded. These changes make it impossible to measure accurately the changes in the number of hours worked per week. In any case, the figures in Table 25 do not refer to any particular month, since the month of highest employment might be May for one firm and October for another; they represent the summation of the different months of highest employment as reported by all firms. For a given industry, however, the month of highest employment is more significant as in this case it coincides for a great number of firms engaged in the same industry.

For all wage-earners, the hours worked per week declined from 48.9 in 1932 to 47.2 in 1939, and reached 50.6 in 1941, some of the increase no doubt being due to the inclusion of overtime. Since then there was a counter movement in the hours worked, especially among females, due to the employment of many workers on a part-time basis. Whereas in 1939 there were only 2.8 p.c. of male and 5.3 p.c. of female wage-earners working under 30 hours per week, in 1944 these percentages rose to 5.3 and 12.5 respectively. Since the end of the war the normal working week has been dropping steadily. In 1945 average hours per week for male wage-earners totalled 47.6 and for females 42.7.

The method of collecting statistics on hours worked was changed for 1946. Instead of collecting this information for one week in the month of highest employment which varied from plant to plant, the last week in November was chosen for the base period. The question on hours worked was taken out of the annual schedules used in connection with the census of manufactures and this information is now collected by the Employment Statistics Branch. Establishments employing 15 hands or over only are covered. The statistics for 1946 to 1948 are therefore not exactly comparable with those for earlier years which include all establishments, both large and small. In 1948 average hours worked per week totalled 43.3, 44.4 for males and 39.8 for females.

TABLE 25. Wage-Earners in Manufacturing, Working Specified Numbers of Hours[1] per Week in the Month of Highest Employment, 1938-45

Note. Hours worked per week in 1932-37 are given at p. 386 of the 1942 edition of the Canada Year Book; in 1940 at p. 392 of the 1943-44 edition.

Hours worked per week	1938	1939	1942	1943	1944	1945
	All wage-earners					
	No.	No.	No.	No.	No.	No.
30 or less	24,073	19,849	48,714	74,406	87,817	79,398
31-43	99,125	85,597	98,200	128,755	151,280	174,378
44	83,763	81,128	88,049	88,964	112,840	130,536
45-47	66,268	64,031	80,613	100,861	108,585	116,431
48	121,625	130,506	244,899	248,083	245,024	230,175
49-50	62,294	65,822	105,434	115,606	116,473	105,331
51-54	39,596	46,165	147,229	151,231	128,580	90,411
55	20,575	24,316	63,702	62,701	51,965	34,748
56-64	60,755	61,067	193,297	176,730	140,295	81,517
65 or over	8,755	8,478	73,590	60,665	46,046	33,571
Totals, Wage-Earners	**586,829**	**586,959**	**1,143,727**	**1,208,002**	**1,188,905**	**1,076,496**
Average Hours per Week	**46.7**	**47.2**	**50.2**	**48.8**	**47.5**	**46.2**
	Male					
	No.	No.	No.	No.	No.	No.
30 or less	15,439	12,868	30,166	39,985	45,414	41,111
31-43	75,842	64,780	59,146	68,530	83,293	100,446
44	59,983	57,667	58,342	53,563	76,141	89,623
45-47	47,877	45,703	47,403	62,701	67,306	75,391
48	97,287	103,636	182,783	185,913	182,798	175,116
49-50	45,981	48,378	70,870	75,975	80,878	77,019
51-54	33,744	37,439	106,657	114,739	100,621	72,781
55	16,493	19,766	48,996	49,194	42,214	28,910
56-64	56,171	56,837	171,775	158,657	128,751	74,043
65 or over	8,224	8,036	67,776	56,837	42,618	31,311
Totals, Male Wage-Earners	**457,041**	**455,110**	**843,914**	**866,094**	**850,034**	**765,751**
Average Hours per Week	**47.3**	**48.1**	**51.3**	**50.4**	**49.1**	**47.6**
	Female					
	No.	No.	No.	No.	No.	No.
30 or less	8,634	6,981	18,548	34,421	42,403	38,287
31-43	23,283	20,817	39,054	60,225	67,987	73,932
44	23,780	23,461	29,707	35,401	36,699	40,913
45-47	18,391	18,328	33,210	38,160	41,279	41,040
48	24,338	26,870	62,116	62,170	62,226	55,059
49-50	16,313	17,444	34,564	39,631	35,595	28,312
51-54	5,852	8,726	40,572	36,492	27,959	17,630
55	4,082	4,550	14,706	13,507	9,751	5,838
56-64	4,584	4,230	21,522	18,073	11,544	7,474
65 or over	531	442	5,814	3,828	3,428	2,260
Totals, Female Wage-Earners	**129,788**	**131,849**	**299,813**	**341,908**	**338,871**	**310,745**
Average Hours per Week	**44.6**	**45.2**	**46.9**	**44.8**	**43.6**	**42.7**

1. For 1938 and 1939, the hours worked do not include overtime, while for 1940 to 1945 overtime is included.

TABLE 26. Wage-Earners in Manufacturing Working Specified Numbers of Hours During the Last Week in November, 1946-49[1]

Hours worked per week	1946			1947		
	All wage-earners	Male	Female	All wage-earners	Male	Female
	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.
30 or less	6.7	4.7	13.1	6.7	4.6	13.7
31-34	10.8	8.0	19.7	2.9	2.1	5.5
35-39				7.8	6.1	13.6
40	9.9	9.6	10.8	12.2	11.9	13.4
41-43	11.5	10.6	14.6	10.6	9.2	15.0
44	10.3	10.7	8.9	8.5	8.7	7.8
45-47	18.2	18.8	16.1	18.7	19.7	15.9
48	13.7	15.8	7.1	12.9	15.0	5.7
49-50	6.6	7.1	5.0	6.5	7.0	4.9
51-53				4.3	4.9	2.0
54	5.4	6.3	2.5	1.3	1.6	0.5
55-64	6.0	7.3	2.1	6.5	7.8	1.9
65 or over	0.9	1.1	0.1	1.1	1.4	0.1
	100.0	100.0	100.0	100.0	100.0	100.0
Average Hours per Week	**43.7**	**44.9**	**40.0**	**43.7**	**44.9**	**39.7**

TABLE 26. Wage-earners in Manufacturing Working Specified Numbers of Hours During the Last Week in November, 1946-49[1] — Concluded

Hours Worked per Week	1948			1949		
	All wage-earners	Male	Female	All wage-earners	Male	Female
	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.
30 or less	6.1	4.4	12.2	6.3	4.3	12.8
31-34	3.0	2.2	5.6	3.1	2.3	5.8
35-39	8.4	6.4	15.0	8.5	6.7	14.6
40	13.2	12.9	14.1	15.3	15.5	14.8
41-43	10.9	9.9	14.5	11.1	10.4	13.3
44	9.3	9.7	7.9	8.6	8.8	7.9
45-17	18.9	19.4	17.4	18.8	19.2	17.5
48	11.8	13.9	5.1	10.7	12.5	4.5
49-50	6.1	6.6	4.1	5.7	6.3	3.9
51-53	4.0	4.6	2.0	3.9	4.4	2.3
54	1.3	1.5	0.5	1.2	1.3	0.5
55-64	6.0	7.3	1.5	5.9	7.1	2.0
65 or over	1.0	1.2	0.1	0.9	1.2	0.1
	100.0	100.0	100.0	100.0	100.0	100.0
Average hours per week	**43.6**	**44.7**	**39.8**	**43.3**	**44.4**	**39.8**

1. Includes only establishments employing 15 hands or over.

Subsection 3. Salaries and Wages in Manufacturing Industries

In 1949, the 35,792 establishments covered employed 221,551 salaried employees and 949,656 wage-earners, a total of 1,171,207 persons. Out of every 1,000 persons employed in manufacturing 189 were classed as salary earners and 811 as wage-earners; the former earned 24 p.c. and the latter 76 p.c. of the total amount paid out as remuneration for services.

A notable feature during the past few years was the reduction in the disparity between average annual salaries and wages. Whereas in 1939 average annual wages were only 56 p.c. of average annual salaries, in 1943 the percentage rose to 76, it declined to 69 in 1947 and rose to 73 in 1949. This tendency towards equalization was due, in part, to the controls adopted by the Government during the war years which tended to stabilize salaries more so than wages. The increase in average wages was also influenced by the fact that large numbers of wage-earners were employed in the highly paid iron and steel industries and by the increase in number of hours worked, some of it at overtime pay.

Ontario has a larger proportion of females among its salaried employees than the other provinces. The same situation prevails in Quebec with regard to wage-earners, due, no doubt, to the textile industries of the Province. The importance of the textile industries in providing employment to females is strikingly illustrated by the fact that of all female wage-earners engaged in the manufacturing industries of Canada in 1948, 43 p.c. were found in the textile group.

The average salary in 1949 amounted to $2,836 which was $1,090 or 61 p.c. higher than in 1939. Salaried employees in Ontario with $2,990 were the highest paid. Those in Quebec were second with $2,812, British Columbia third with $2,758 and Manitoba fourth with $2,729. The fact that head offices of many large corporations are located in Montreal, Toronto, Winnipeg and Vancouver tends to raise the average salaries in the provinces in which these cities are located.

The average wage in 1949 amounted to $2,067 which was $1,092 or 112 p.c. higher than in 1939. The manufacturing industries of Newfoundland paid the highest average wage of $2,392, displacing British Columbia which formerly occupied the premier position. British Columbia with $2,282 was in second place, followed by Ontario with $2,187, Saskatchewan $2,042, Alberta $2,025, etc. The high figures shown for Yukon and Northwest Territories in regard to average wages are due to the unusual conditions under which industry is carried on in these regions and are not representative. Statistics of the distribution of employees by provinces and groups as well as average annual earnings are given in Table 27.

TABLE 27. Salaries and Wages Paid in the Manufacturing Industries, by Provinces and Industrial Groups, 1949, with Totals for Significant Years, 1917-48

Year	Salaries				Wages			
	Salaried employees		Total salaries	Average salaries	Wage-earners		Total wages	Average wages
	Male	Female			Male	Female		
	No.	No.	$	$	No.	No.	$	$
1917	64,918		85,353,667	1,315	541,605		412,448,177	762
1920	78,334		141,837,361	1,811	520,559		575,656,515	1,106
1922	71,586		129,836,831	1,814	384,670		359,560,399	935
1924	54,379	15,641	130,344,822	1,857	322,719	94,871	404,122,853	968
1926[1]	58,245	17,092	142,353,900	1,690	374,244	109,580	483,328,342	999
1929[1]	67,731	21,110	175,553,710	1,976	454,768	122,922	601,737,507	1,042
1930[1]	64,161	20,550	169,992,216	2,007	416,790	113,195	527,563,162	995

TABLE 27. Salaries and Wages Paid in the Manufacturing Industries, by Provinces and Industrial Groups, 1949, with Totals for Significant Years, 1917-48 — Concluded

Year	Salaries				Wages			
	Salaried employees		Total salaries	Average salaries	Wage-earners		Total wages	Average wages
	Male	Female			Male	Female		
	No.	No.	$	$	No.	No.	$	$
1931[2]	71,198	20,293	172,289,095	1,883	337,636	99,513	415,277,895	950
1932	63,264	18,786	151,355,790	1,739	288,817	92,966	322,245,926	844
1933	67,875	18,761	139,317,946	1,608	287,266	94,756	296,929,878	777
1934	71,963	20,132	148,760,126	1,615	326,598	101,119	355,090,929	830
1935	76,213	21,717	160,455,080	1,638	353,790	104,944	399,012,697	870
1936	81,409	23,008	173,198,057	1,659	379,977	109,965	438,873,377	896
1937	91,092	24,735	195,983,475	1,692	427,285	117,339	525,743,562	965
1938	95,270	25,319	207,386,381	1,719	409,172	112,255	498,282,208	956
1939	98,165	26,607	217,839,334	1,746	415,488	117,854	519,971,819	975
1940	104,267	31,493	241,599,761	1,780	491,439	135,045	679,273,104	1,084
1941	117,251	41,693	286,336,861	1,801	626,825	175,409	978,525,782	1,220
1942	123,125	54,062	334,870,793	1,890	732,319	242,585	1,347,934,049	1,383
1943	128,679	64,516	388,857,505	2,013	762,854	285,019	1,598,434,879	1,525
1944	126,858	65,700	418,065,594	2,171	744,635	285,689	1,611,555,776	1,564
1945	128,601	62,106	417,857,619	2,191	680,620	248,045	1,427,915,830	1,538
1946	127,002	54,004	410,875,776	2,270	662,699	214,451	1,329,811,478	1,516
1947	135,248	55,852	474,693,800	2,484	721,407	219,243	1,611,232,166	1,713
1948	141,082	57,197	532,702,476	2,687	738,956	218,771	1,877,107,315	1,960
Province, 1949								
Newfoundland	1,604	252	3,336,775	1,797	4,278	800	12,149,561	2,392
Prince Edward Island	382	101	685,087	1,418	894	370	1,448,468	1,145
Nova Scotia	3,469	949	9,627,619	2,179	21,350	3,543	45,058,958	1,810
New Brunswick	2,663	901	7,959,966	2,233	16,229	3,653	36,259,853	1,823
Quebec	51,880	20,166	202,605,273	2,812	227,536	90,693	606,973,997	1,907
Ontario	73,926	33,941	322,626,810	2,990	351,955	97,368	982,917,624	2,187
Manitoba	5,656	1,991	20,870,715	2,729	26,118	8,191	65,217,665	1,900
Saskatchewan	2,241	796	6,333,357	2,085	6,778	1,026	15,940,585	2,042
Alberta	4,287	1,311	12,937,715	2,311	17,727	3,100	42,177,839	2,025
British Columbia	11,366	3,615	41,320,807	2,758	59,505	8,448	155,082,915	2,282
Yukon and North West Territories	42	12	123,813	2,292	87	7	235,255	2,502
Totals, 1949	**157,516**	**64,035**	**628,427,937**	**2,836**	**732,457**	**217,199**	**1,963,462,720**	**2,067**
Industrial Group, 1949								
Foods and beverages	23,933	9,557	84,349,430	2,518	102,345	34,189	248,186,889	1,817
Tobacco and tobacco products	951	503	4,521,508	3,109	3,410	5,822	17,374,870	1,882
Rubber products	3,274	1,323	13,673,212	2,974	11,976	4,156	34,498,995	2,138
Leather products	2,990	1,230	12,799,466	3,033	18,037	12,643	46,900,420	1,528
Textile products (Except clothing)	6,649	3,409	32,181,548	3,199	41,447	26,268	123,985,006	1,830
Clothing (Textile and fur)	9,662	6,004	49,071,646	3,132	31,577	70,509	157,441,136	1,542
Wood products	18,862	2,825	41,307,827	1,904	94,698	5,247	183,594,817	1,836
Paper products	9,077	3,573	46,537,336	3,678	55,201	8,620	161,811,285	2,535
Printing, publishing and allied industries	14,516	8,791	55,198,009	2,368	29,530	8,997	86,291,975	2,239
Iron and steel products	21,541	7,749	90,648,050	3,094	127,501	6,831	322,579,503	2,401
Transportation equipment	11,884	3,567	50,643,361	3,277	86,154	3,145	220,208,750	2,465
Non-ferrous metal products	5,893	2,476	26,695,908	3,189	32,938	3,391	87,895,198	2,419
Electrical apparatus and supplies	9,152	4,105	39,637,021	2,989	31,076	11,583	97,641,500	2,288
Non-metallic mineral products	3,385	1,073	12,648,921	2,837	21,728	1,953	51,945,433	2,193
Products of petroleum and coal	2,961	869	11,874,941	3,100	10,631	91	27,908,559	2,602
Chemicals and allied products	9,404	5,110	41,842,240	2,882	21,561	5,253	58,848,422	2,194
Miscellaneous manufacturing industries	3,382	1,871	14,797,513	2,816	12,647	8,501	36,349,962	1,718

1. The averages of wage-earners and earnings for the years 1931 to 1945 are strictly comparable with those for the years up to 1925 but not with those for the intervening years. The figures for the latest years — as for the earliest — represent the earnings for complete man-years of work, with no allowance for periods of unemployment. The difference amounts only to about 3 or 4 p.c. in the total figures and affects chiefly the seasonal industries.

2. The increase in the number of salaried employees in 1931 is due to the following changes in method: 1. Prior to 1931 working proprietors, such as bakers, sawmill operators, small clothing manufacturers, etc., were required to report themselves as wage-earners. In 1931 and subsequent years, however, all such proprietors reported themselves as salaried employees. 2. In 1931 travelling salesmen who were attached to the plant, and devoted all or the greater part of their time to selling the products of that plant, were included with salaried employees. Prior to this they were not reported at all.

Average Annual Earnings in the Forty Leading Industries. In 1949 there were 20 industries with average salaries of $3,000 or over, as compared with sixteen industries in this range in 1948. Indicative of the rapidly changing pattern of remuneration in manufacturing is the fact that in 1945, the last year of the war, no industry paid average annual salaries of over $3,000. The highest average salary in that year was $2,935 reported by the brewing industry. The highest average salary in 1949 amounting to $3,977 was received by office and supervisory employees in the pulp and paper industry. Other industries paying $3,000 and over, in descending order, were as follows: breweries $3,737, motor vehicles $3,627, primary iron and steel $3,611, non-ferrous metal smelting and refining $3,559, agricultural implements $3,475, women's factory clothing $3,394, woollen cloth $3,363, railway & rolling-stock $3,352, motor vehicle parts $3,295, boxes and bags, paper $3,287, shipbuilding $3,255, petroleum products $3,234, hosiery and knitted goods $3,147, brass and copper products $3,134, synthetic textiles and silk $3,133, iron castings $3,104, sheet metal products $3,088, slaughtering and meat packing $3,079, and tobacco, cigars and cigarettes $3,068. In thirteen others they were between $2,500 and $3,000, while in the remaining seven they were below $2,500. The sawmill and butter and cheese industries with $1,283 and 1,800, respectively, paid the lowest salaries.

The increase in average wages since 1945 parallel that of salaries. Whereas in 1945 there were only four industries averaging over $2,000 per annum, in 1949 the number jumped to twenty-three. In 1945 the highest average annual wage was $2,365 paid by the motor vehicle industry while in 1949 the highest annual wage amounting to $2,851 was paid by the pulp and paper industry. The highest wages are usually paid by industries in which the proportion of skilled workers is high and the proportion of female workers low. There were seven industries in 1949 with average annual wages of $2,500 or over; these were: pulp and paper $2,851, non-ferrous metal smelting and refining $2,763, primary iron and steel $2,757, motor vehicles $2,660, petroleum products $2,606, heavy electrical machinery $2,554, and agricultural implements $2,506. In sixteen industries average wages ranged between $2,000 and $2,500, while in the remaining seventeen they were below $2,000. This latter group includes industries made up of a large number of small establishments and in which the proportion of female workers is high. Men's factory clothing, women's factory clothing, hosiery and knitted goods, leather boots and shoes, fruit and vegetable preparations, and fish curing and packing are some of the industries included in this group. Employment by sex and average annual earnings in the forty leading industries are given in Table 28.

TABLE 28. Salaries and Wages Paid in the Forty Leading Industries, 1949, with comparative figures of Average Salaries and Wages Paid in 1948

Note. Industries ranked according to the aggregate salaries and wages paid.

Industry	Salaries					Wages				
	Salaried Employees		Total salaries	Average salaries		Wage-earners		Total wages	Average wages	
	Male	Female		1949	1948	Male	Female		1949	1948
	No.	No.	$	$	$	No.	No.	$	$	$
Pulp and paper	6,231	2,012	32,784,295	3,977	3,776	43,126	681	124,919,573	2,851	2,764
Sawmills	10,661	611	14,462,022	1,283	1,129	43,304	456	82,987,069	1,896	1,802
Primary iron and steel	2,365	812	11,472,895	3,611	3,262	25,570	350	71,485,334	2,757	2,561
Railway rolling stock	1,930	245	7,290,827	3,352	3,046	30,137	98	74,844,332	2,475	2,440
Motor vehicles	3,673	1,288	17,994,690	3,627	3,415	21,856	205	58,689,638	2,660	2,639
Printing and publishing	7,471	4,184	27,876,533	2,391	2,206	12,542	2,075	35,673,709	2,440	2,255
Bread and other bakery products	3,700	1,180	10,570,235	2,166	1,910	20,347	6,536	46,982,510	1,747	1,655
Clothing men's, factory	2,620	1,628	13,369,459	2,314	3,114	8,746	20,304	43,974,024	1,513	1,422
Clothing, women's factory	2,447	1,659	13,938,229	3,394	3,107	6,413	18,610	41,486,163	1,657	1,552
Non-ferrous metal smelting and refining	2,271	502	9,870,736	3,559	3,120	16,321	56	45,262,329	2,763	2,574
Furniture	3,089	977	11,454,076	2,817	2,612	20,887	1,978	42,137,109	1,842	1,710
Slaughtering and meat packing	3,409	1,137	13,998,397	3,079	2,923	13,353	2,687	38,137,783	2,377	2,222
Machinery, heavy-electrical	2,393	1,183	12,148,865	2,980	—	12,309	3,105	39,373,825	2,554	—
Cotton yarn and cloth	1,342	759	6,176,505	2,930	3,067	14,443	8,634	43,187,191	1,871	1,766
Machinery, industrial	3,882	1,534	15,987,342	2,951	—	13,660	403	32,260,420	2,293	—
Rubber goods, incl. footwear	3,274	1,323	13,673,212	2,974	2,800	11,976	4,156	34,498,995	2,138	2,108
Printing and bookbinding	3,567	1,609	13,928,242	2,690	2,506	11,656	5,197	33,218,980	1,971	1,823
Electrical apparatus and supplies n.e.s.	3,373	1,510	14,411,054	2,951	2,767	10,456	4,257	32,556,681	2,212	2,125
Castings, iron	1,509	606	6,567,007	3,104	3,013	15,879	345	39,598,348	2,440	2,326
Motor vehicle parts	1,913	834	9,053,648	3,295	3,200	12,953	2,198	36,608,954	2,416	2,244
Agricultural implements	2,156	572	9,481,186	3,475	2,697	13,696	164	34,738,403	2,506	2,306
Butter and cheese	3,894	1,738	10,138,229	1,800	1,693	15,649	1,198	31,474,308	1,868	1,753
Sheet metal products	2,298	855	9,738,176	3,088	2,768	11,545	1,716	29,566,689	2,229	2,020
Footwear, leather	1,706	743	7,322,734	2,990	2,815	11,023	8,818	29,410,509	1,482	1,363
Synthetic textiles, and silk	1,837	813	8,303,242	3,133	2,959	9,796	4,382	27,818,342	1,962	1,764
Sash, door and planing mills	2,741	587	7,807,674	2,346	2,092	14,664	179	26,065,052	1,756	1,633
Shipbuilding	1,233	328	5,081,423	3,255	2,904	10,897	104	25,827,887	2,347	2,394
Aircraft and parts	2,522	721	9,496,511	2,928	2,884	7,237	245	17,946,987	2,398	2,285
Hardware, tools and cutlery	1,539	785	6,757,769	2,907	2,770	8,280	1,622	20,619,310	2,082	2,041
Petroleum products	2,031	525	8,268,487	3,234	3,099	6,774	83	17,873,789	2,606	2,467
Boxes and bags paper	1,281	672	6,420,425	3,287	3,083	5,950	4,860	19,092,654	1,766	1,614
Fruit and vegetable preparations	1,653	828	6,115,375	2,464	2,352	6,492	6,019	17,748,446	1,418	1,384
Knitted goods, other	864	675	4,598,965	2,988	—	3,905	9,645	19,155,332	1,413	—
Breweries	1,250	392	6,137,157	3,737	3,666	6,830	180	17,324,280	2,471	2,292
Brass and copper products	1,232	536	5,540,728	3,133	3,117	6,978	643	17,403,160	2,283	2,111
Machinery, household, office and store	1,409	513	4,471,147	2,937	—	6,797	916	17,526,919	2,272	—
Hosiery	741	549	4,060,763	3,147	—	3,944	6,119	16,134,235	1,603	—
Heating and cooking apparatus	1,103	427	4,383,093	2,864	2,588	7,002	213	15,427,828	2,138	2,107
Woollen cloth	649	360	3,393,699	3,363	3,241	5,112	3,915	15,633,219	1,732	1,642
Tobacco, cigars and cigarettes	737	471	3,706,313	3,068	2,845	2,657	5,164	15,322,068	1,959	1,775
Totals, forty leading industries	**104,096**	**38,683**	**408,251,870**	**2,859**	**2,667**	**831,162**	**138,516**	**1,429,997,384**	**2,135**	**2,009**
Grand totals, all industries	**157,516**	**64,035**	**628,427,937**	**2,836**	**2,687**	**732,457**	**217,199**	**1,963,462,720**	**2,067**	**1,960**

Average Annual, Weekly and Hourly Earnings of Wage-Earners. In comparing earnings by provinces or groups, consideration should be given to the type of industries in each case since the distribution of industries has a very definite regional significance. In some industries a labour force possessing deftness and speed or the ability to exercise muscular strength is necessary, in others the labour force must exercise craftsmanship or possess a high degree of technical knowledge. Workers in the latter industries naturally command relatively higher wages than those employed in industries whose employees are routine workers.

The ranking of provinces and industries as regards annual earnings is in many cases different to that of weekly or hourly earnings since the factors of number of weeks worked per year and number of hours worked per week enter into the picture. So that, while in general the same observations apply, a close study of the differences between the averages shown in Tables 27 and 28 will be of value.

The figures for the years 1934 to 1945 given in Tables 29 and 33 are based on an analysis of a pay-list covering one week in the month of highest employment. For this reason the figures do not refer to any particular month, since the month of highest employment might be May for one firm and October for another; they represent the summation of the different months of highest employment as reported by all the firms. For a particular industry, however, the month of highest employment is more significant as in such case it coincides for a great number of firms engaged in the same industry. The figures for 1946 to 1948 are based on returns received from establishments employing 15 hands or over and refer to the last week in the month of November.

Average weekly earnings of male wage-earners for manufacturing as a whole amounted to $47.33 in 1949, an increase of $25.10 or 113 p.c. as compared with 1939. Average hourly earnings advanced from 46.2 cents in 1939 to $1.07 in 1949, an increase of 132 p.c. Annual earnings at $2,291 were 113 p.c. higher.

Female wage-earners received on an average $27.18 per week in 1949, an increase of $14.40 or 113 p.c. Hourly earnings at 68.3 cents were 141 p.c. higher, while annual earnings at $1,315 were 112 p.c. higher.

The following table gives the weekly and hourly earnings of male and female wage-earners for each province and major industrial group for the year 1949.

Average Weekly and Hourly Earnings of Male and Female Wage-Earners, by Provinces and Industrial Groups, 1949

Province and Industrial Group	Male earnings		Female earnings	
	Weekly	Hourly	Weekly	Hourly
	$	cents	$	cents
Provinces				
Prince Edward Island	33.96	70.6	18.45	39.6
Nova Scotia	42.87	95.7	19.94	46.8
New Brunswick	42.18	90.9	23.71	57.4
Quebec	45.19	97.6	25.93	64.5
Ontario	48.88	111.6	28.45	72.2
Manitoba	45.39	102.0	26.24	66.1
Saskatchewan	43.33	101.0	27.99	71.4
Alberta	46.01	104.8	29.83	73.3
British Columbia	49.82	123.0	28.57	76.8
Canada	**47.33**	**106.6**	**27.18**	**68.3**
Industrial group				
Foods and beverages	43.98	95.2	24.51	62.2
Tobacco and tobacco products	46.74	102.5	34.42	80.8
Rubber products	47.68	111.4	30.80	75.3
Leather products	36.39	88.1	22.77	59.3
Textile products (except clothing)	41.67	89.8	29.39	70.3
Clothing (textile and fur)	43.31	104.1	25.17	65.9
Wood products	41.20	93.0	27.69	68.2
Paper products	53.31	111.3	26.44	63.1
Printing, publishing and allied industries	53.59	128.2	25.66	67.0
Iron and steel products	48.94	112.0	31.96	77.0
Transportation equipment	51.08	118.8	34.93	88.2
Non-ferrous metal products	50.26	112.7	28.63	68.5
Electrical apparatus and supplies	50.38	117.7	35.18	87.3
Non-metallic mineral products	46.45	100.1	31.10	74.4
Products of petroleum and coal	52.58	125.5	–	–
Chemicals and allied products	47.40	105.1	26.32	64.5
Miscellaneous industries	41.38	93.4	26.66	65.5

Tables 29 to 33 give details of annual, weekly and hourly earnings as well as the hours worked per week, by provinces and industrial groups for the years 1946 to 1949.

TABLE 29. Average Annual, Weekly and Hourly Earnings of Male and Female Wage-Earners, Employed in the Manufacturing Industries, 1934-49

Note. Butter and cheese factories and fish curing and packing plants are excluded in the years 1938 to 1945, while sawmills are also excluded in 1945. By including sawmills, weekly earnings in 1945 would have been about $34.35 for male wage-earners.

Year	Average earnings			Hours worked per week
	Annual	Weekly	Hourly	
	$	$	$	No.
All wage-earners:				
1934	830	18.30	0.372	49.2
1935	870	18.50	0.380	48.7
1936	896	18.96	0.389	48.7
1937	965	[2]	[2]	48.8
1938	956	19.49	0.417	46.7
1939	975	20.14	0.427	47.2
1940	1,084	22.35	0.446	50.1
1941	1,220	24.95	0.494	50.5
1942	1,383	28.18	0.561	50.2
1943	1,525	29.87	0.612	48.8
1944	1,564	31.05	0.654	47.5
1945	1,538	30.98	0.669	46.3
1946[3]	1,516	32.38	0.741	43.7
1947[3]	1,713	37.19	0.851	43.7
1948[3]	1,960	41.25	0.946	43.6
1949[3]	2,067	42.61	0.984	43.3
Male wage-earners:				
1934	930	20.31	0.407	49.9[1]
1935	966	20.41	0.413	49.4[1]
1936	995	20.92	0.423	49.4[1]
1937	[2]	[2]	[2]	[2]
1938	1,055	21.49	0.454	47.3
1939	1,076	22.23	0.462	48.1
1940	1,202	24.32	0.488	50.9
1941	1,355	27.72	0.538	51.5
1942	1,558	31.75	0.619	51.3
1943	1,726	33.80	0.671	50.4
1944	1,761	34.95	0.712	49.1
1945	1,739	35.04	0.736	47.6
1946[3]	1,702	36.23	0.807	44.9
1947[3]	1,909	41.35	0.921	44.9
1948[3]	2,175	45.73	1.023	44.7
1949[3]	2,291	47.33	1.066	44.4
Female wage-earners:				
1934	539	11.80	0.251	46.9[1]
1935	570	12.04	0.259	46.5[1]
1936	577	12.20	0.262	46.5[1]
1937	[2]	[2]	[2]	[2]
1938	594	12.10	0.271	44.6
1939	619	12.78	0.283	45.2
1940	655	13.52	0.286	47.3
1941	736	15.05	0.316	47.6
1942	854	17.41	0.371	46.9
1943	987	19.33	0.431	44.8
1944	1,051	20.89	0.479	43.6
1945	984	19.84	0.465	42.7
1946[3]	943	20.08	0.502	40.0
1947[3]	1,067	23.11	0.582	39.7
1948[3]	1,233	25.91	0.651	39.8
1949[3]	1,315	27.18	0.683	39.8

1. Estimated on the basis of hours worked by female wage-earners in 1938 and 1939 as compared with those worked by male wage-earners in those years.
2. Not available.
3. Based on weekly earnings and hours worked in the last week of November by establishments employing 15 hands or over.

TABLE 30. Average Annual, Weekly and Hourly Earnings of All Wage-Earners in the Manufacturing Industries, by Provinces, 1938-49

Province and Year	Annual	Weekly	Hourly	Hours worked per week
	$	$	cents	No.
Newfoundland:				
1949	2,392	–	–	–
Prince Edward Island:				
1938	484	8.49	16.2	52.7
1939	506	11.59	23.3	49.6
1940	553	13.67	26.0	52.1
1941	559	15.19	29.5	51.3
1942	613	15.94	30.9	51.5
1943	817	23.14	32.0	55.3
1944	952	23.63	43.6	53.0
1945	884	25.34	50.1	50.6
1946	911	21.51	46.2	46.3
1947	976	24.75	54.6	45.3
1948	1,149	27.66	60.4	45.8
1949	1,145	29.76	62.4	47.7
Nova Scotia:				
1938	853	16.31	32.4	50.2
1939	869	17.80	34.9	50.9
1940	960	19.01	36.3	52.4
1941	1,076	22.53	42.6	52.7
1942	1,295	26.84	49.0	52.6
1943	1,456	29.80	57.5	51.5
1944	1,570	31.84	64.1	49.5
1945	1,519	31.85	67.1	47.3
1946	1,398	31.44	68.8	45.7
1947	1,461	34.58	75.5	45.8
1948	1,680	37.74	82.4	45.8
1949	1,810	39.56	88.9	44.5
New Brunswick:				
1938	818	15.20	30.6	49.3
1939	827	17.11	34.2	49.9
1940	955	19.40	37.1	52.1
1941	1,021	21.30	39.7	53.3
1942	1,129	22.56	43.1	52.1
1943	1,241	24.35	47.2	51.1
1944	1,330	26.78	53.1	50.0
1945	1,362	27.59	57.0	48.9
1946	1,390	30.54	66.4	46.0
1947	1,570	33.55	73.9	45.4
1948	1,741	38.03	82.5	46.1
1949	1,823	38.64	85.1	45.4
Quebec:				
1938	853	17.26	36.1	47.6
1939	873	17.81	37.0	47.8
1940	974	19.93	39.1	50.6
1941	1,103	22.78	43.8	51.5
1942	1,259	25.82	49.7	51.3
1943	1,424	28.07	55.2	50.2
1944	1,473	29.59	59.4	49.3
1945	1,463	31.55	60.9	48.0
1946	1,445	30.51	67.2	45.4
1947	1,601	34.82	76.7	45.4
1948	1,829	38.60	85.4	45.2
1949	1,907	39.61	89.0	44.5
Ontario:				
1938	1,008	20.81	44.9	46.1
1939	1,026	21.60	45.9	46.9
1940	1,153	23.98	47.4	50.3
1941	1,309	26.19	51.5	50.5
1942	1,463	29.27	58.5	49.7
1943	1,591	30.45	62.9	47.9
1944	1,618	31.61	67.5	46.3
1945	1,577	31.37	68.8	45.1
1946	1,552	33.26	77.7	42.8
1947	1,792	38.57	89.7	43.0
1948	2,060	42.86	99.9	42.9
1949	2,187	44.34	103.6	42.8
Manitoba:				
1938	1,034	22.00	49.5	44.2
1939	1,068	21.59	48.7	44.3
1940	1,088	22.38	46.3	48.1
1941	1,181	24.32	50.1	48.3
1942	1,298	25.92	52.8	48.7
1943	1,370	26.99	56.0	47.7
1944	1,452	28.25	61.0	45.9
1945	1,464	28.69	63.1	45.1
1946	1,491	31.16	72.8	42.8
1947	1,634	35.59	82.0	43.4
1948	1,833	39.22	91.0	43.1
1949	1,900	41.06	94.6	43.4

TABLE 30. Average Annual, Weekly and Hourly Earnings of All Wage-Earners in the Manufacturing Industries, by Provinces, 1938-49 — Concluded

Province and Year	Annual	Weekly	Hourly	Hours worked per week
	$	$	Cents	No.
Saskatchewan:				
1938	1,037	19.84	41.3	47.9
1939	1,027	20.07	42.0	47.7
1940	1,031	20.16	39.6	50.6
1941	1,097	22.18	42.7	51.8
1942	1,232	24.97	47.9	52.0
1943	1,378	27.80	54.3	51.1
1944	1,405	28.38	56.8	49.7
1945	1,415	29.78	64.5	45.9
1946	1,455	32.78	74.5	44.0
1947	1,643	36.63	84.5	43.3
1948	1,916	40.12	93.3	43.0
1949	2,042	41.34	97.5	42.4
Alberta:				
1938	1,009	20.64	44.4	46.4
1939	1,050	21.36	45.9	46.4
1940	1,078	21.66	44.3	48.6
1941	1,118	23.26	46.5	49.9
1942	1,294	25.07	49.8	50.1
1943	1,374	27.22	55.8	48.5
1944	1,436	28.95	60.1	48.0
1945	1,452	29.61	65.1	45.2
1946	1,477	32.40	75.0	43.2
1947	1,657	36.81	84.2	43.7
1948	1,890	41.35	95.5	43.3
1949	2,025	43.80	100.7	43.5
British Columbia:				
1938	1,128	22.46	50.5	44.4
1939	1,153	22.59	49.5	45.5
1940	1,250	24.64	53.5	46.0
1941	1,359	27.57	59.7	46.1
1942	1,633	33.30	71.5	46.4
1943	1,799	35.27	76.9	45.8
1944	1,809	35.61	79.2	44.9
1945	1,765	33.10	76.8	42.9
1946	1,750	36.83	89.4	41.2
1947	1,934	41.55	103.6	40.4
1948	2,182	46.02	114.2	40.3
1949	2,282	47.36	118.1	40.1
Yukon and Northwest Territories:				
1939	1,734	33.28	63.6	52.3
1940	1,544	34.91	67.5	51.8
1941	2,033	31.56	57.1	55.5
1942	1,670	40.04	72.5	55.3
1943	2,030	45.20	93.0	48.9
1944	1,922	45.79	91.0	50.3
1945	2,110	48.96	98.7	49.6
1946	2,249	—	—	—
1947	2,152	—	—	—
1948	2,824	—	—	—
1949	2,502	—	—	—

TABLE 31. Average Annual, Weekly and Hourly Earnings of All Wage-Earners in the Manufacturing Industries, by Industrial Groups 1946-49

Group and Year	Annual	Weekly	Hourly	Hours worked per week
	$	$	Cents	No.
Food and beverages:				
1946	—	29.15	66.4	43.9
1947	—	33.87	76.8	44.1
1948	1718	36.56	83.1	44.0
1949	1817	38.45	86.8	44.3
Tobacco and tobacco products:				
1946	—	23.85	55.6	42.9
1947	—	27.37	65.0	42.1
1948	1717	35.53	83.6	42.5
1949	1882	38.63	88.6	43.6
Rubber products:				
1946	—	36.78	82.1	44.8
1947	—	40.07	91.7	43.7
1948	2108	45.22	104.2	43.4
1949	2138	43.36	102.6	42.3

TABLE 31. Average Annual, Weekly and Hourly Earnings of All Wage-Earners in the Manufacturing Industries, by Industrial Groups 1946-49—Concluded

Group and Year	Annual	Weekly	Hourly	Hours worked per week
	$	$	Cents	No.
Leather products:				
1946	—	25.03	58.9	42.5
1947	—	28.25	68.9	41.0
1948	1428	30.22	73.7	41.0
1949	1528	30.84	76.9	40.1
Textile products (except clothing):				
1946	—	24.13	55.1	43.8
1947	—	30.08	67.6	44.5
1948	1707	34.10	76.8	44.4
1949	1830	36.93	82.8	44.6
Clothing (textile and fur):				
1946	—	25.38	61.9	41.0
1947	—	26.92	67.8	39.7
1948	1465	30.16	75.2	40.1
1949	1542	30.46	77.7	39.2
Wood products:				
1946	—	30.94	68.6	45.1
1947	—	35.24	80.1	44.0
1948	1727	39.16	89.0	44.0
1949	1836	40.40	91.6	44.1
Paper products:				
1946	—	36.97	78.5	47.1
1947	—	44.04	93.3	47.2
1948	2431	49.09	104.0	47.2
1949	2535	49.74	105.6	47.1
Printing, publishing and allied trades:				
1946	—	34.57	82.3	42.0
1947	—	38.47	93.6	41.1
1948	2082	42.90	104.9	40.9
1949	2239	47.19	115.1	41.0
Iron and steel products:				
1946	—	36.87	82.3	44.8
1947	—	41.85	92.8	45.1
1948	2257	46.64	104.1	44.8
1949	2401	48.05	110.2	43.6
Transportation equipment:				
1946	—	39.85	94.2	42.3
1947	—	44.75	102.6	43.6
1948	2419	48.90	113.2	43.2
1949	2465	50.54	117.8	42.9
Non-ferrous metal products:				
1946	—	35.51	80.7	44.0
1947	—	40.79	92.5	44.1
1948	2251	45.26	103.1	43.9
1949	2419	48.26	108.7	44.4
Electrical apparatus and supplies:				
1946	—	32.39	77.3	41.9
1947	—	39.11	91.8	42.6
1948	2125	44.06	105.4	41.8
1949	2288	46.10	109.5	42.1
Non-metallic mineral products:				
1946	—	32.78	71.1	46.1
1947	—	38.93	83.9	46.4
1948	2080	43.20	93.1	46.4
1949	2193	45.22	98.3	46.0
Products of petroleum and coal:				
1946	—	37.88	90.4	41.9
1947	—	44.02	104.6	42.1
1948	2435	50.14	119.1	42.1
1949	2602	52.54	125.4	41.9
Chemical products:				
1946	—	32.46	73.1	44.4
1947	—	37.14	84.8	43.8
1948	2029	41.05	93.3	44.0
1949	2194	43.28	97.7	44.3
Miscellaneous industries:				
1946	—	26.94	62.8	42.9
1947	—	31.18	73.7	42.3
1948	1652	33.84	80.0	42.3
1949	1718	35.14	82.1	42.8

Note. Average annual earnings cannot be calculated without a recompilation of the figures for 1946 to 1948 on the new standard classification basis.

TABLE 32. Average Annual, Weekly and Hourly Earnings of Male and Female Wage-Earners in the Manufacturing Industries, by Provinces, 1938-49

Province and Year	Male				Female			
	Annual	Weekly	Hourly	Hours worked per week	Annual	Weekly	Hourly	Hours worked per week
	$	$	cents	No.	$	$	cents	No.
Newfoundland[1]:								
Prince Edward Island:								
1938	549	10.31	19.8	52.2	328	6.16	11.6	53.3
1939	581	12.88	25.9	49.7	288	7.50	15.2	49.2
1940	644	15.31	28.8	53.1	325	7.71	16.0	48.3
1941	645	16.70	32.2	51.9	352	9.10	18.6	48.8
1942	682	17.35	33.5	51.7	422	10.75	21.2	50.8
1943	992	26.44	47.2	56.0	459	12.25	23.2	52.8
1944	1,172	28.10	50.0	56.3	500	12.00	27.0	44.5
1945	1,080	30.00	59.3	50.6	557	15.49	30.7	50.5
1946	1,097	25.42	54.2	46.9	555	12.87	28.6	45.0
1947	1,131	28.01	59.6	47.0	613	15.19	37.7	40.3
1948	1,317	30.68	65.7	46.7	715	16.66	39.1	42.6
1949	1,323	33.96	70.6	48.1	718	18.45	39.6	46.8
Nova Scotia:								
1938	926	17.96	35.6	50.4	469	9.11	18.4	49.4
1939	939	19.20	37.6	51.0	539	11.03	21.8	50.6
1940	1,040	20.47	39.0	52.5	569	11.19	21.7	51.6
1941	1,171	24.42	45.9	53.2	566	11.80	23.6	50.1
1942	1,377	28.84	52.2	53.2	779	13.66	28.2	48.5
1943	1,571	32.22	61.5	52.4	853	17.51	37.1	47.2
1944	1,677	34.01	68.0	50.0	968	19.63	42.0	46.8
1945	1,640	34.67	72.8	47.6	799	16.89	36.8	45.9
1946	1,502	33.90	73.7	46.0	762	17.18	39.4	43.6
1947	1,584	37.47	81.1	46.2	744	17.62	40.6	43.4
1948	1,810	40.66	88.4	46.0	901	20.25	45.5	44.5
1949	1,959	42.87	95.7	44.8	911	19.94	46.8	42.6
New Brunswick:								
1938	890	16.89	33.7	50.1	410	7.78	16.9	45.9
1939	894	18.18	36.1	50.3	493	10.01	21.3	46.9
1940	1,023	20.54	39.1	52.5	580	11.64	23.7	49.2
1941	1,104	22.81	42.2	54.0	573	11.84	24.1	49.2
1942	1,228	24.11	45.7	52.7	674	13.26	27.2	48.8
1943	1,369	26.69	50.9	52.4	720	14.04	30.7	45.7
1944	1,474	29.19	57.1	51.1	765	15.16	33.8	44.8
1945	1,515	31.67	63.1	50.2	744	15.54	35.2	44.1
1946	1,528	33.58	71.9	46.7	781	17.16	40.0	42.9
1947	1,714	37.05	79.5	46.6	890	19.22	47.7	40.3
1948	1,915	41.55	88.4	47.0	1,015	22.04	52.6	41.9
1949	1,983	42.18	90.9	46.4	1,114	23.71	57.4	41.3
Quebec:								
1938	964	19.46	40.1	48.5	569	11.48	25.5	45.1
1939	984	20.03	41.0	48.8	596	12.14	26.7	45.4
1940	1,112	22.75	43.8	51.9	620	12.70	26.9	47.2
1941	1,260	26.14	49.3	53.0	697	14.46	30.3	47.8
1942	1,463	30.12	56.7	53.1	787	16.22	34.2	47.4
1943	1,642	32.49	62.2	52.2	916	18.09	39.4	45.9
1944	1,671	33.53	65.6	51.1	1,001	20.09	44.6	45.0
1945	1,684	34.13	68.7	49.7	935	18.97	42.9	44.2
1946	1,660	34.95	74.2	47.1	926	19.49	47.3	41.2
1947	1,830	39.66	84.2	47.1	1,016	22.02	54.1	40.7
1948	2,077	43.80	93.6	46.8	1,190	25.11	61.4	40.9
1949	2,171	45.19	97.6	46.3	1,246	25.93	64.5	40.2
Ontario:								
1938	1,105	22.92	49.1	46.7	627	13.03	29.7	43.9
1939	1,127	23.85	50.3	47.4	640	13.54	30.1	45.0
1940	1,268	26.63	52.1	51.1	685	14.37	30.3	47.5
1941	1,450	29.39	57.2	51.4	780	15.82	33.2	47.6
1942	1,646	33.24	65.4	50.8	918	18.59	39.8	46.7
1943	1,812	34.99	70.4	49.7	1,042	20.13	45.9	43.9
1944	1,843	36.30	75.4	48.1	1,084	21.35	50.2	42.5
1945	1,790	36.02	77.1	46.7	1,024	20.61	49.5	41.6
1946	1,738	37.09	84.3	44.0	963	20.53	52.9	38.8
1947	1,988	42.70	96.6	44.2	1,153	24.13	62.2	38.8
1948	2,273	47.10	107.3	43.9	1,300	26.92	69.2	38.9
1949	2,405	48.88	111.6	43.8	1,400	28.45	72.2	39.4
Manitoba:								
1938	1,127	24.15	54.1	44.6	576	12.35	29.0	42.6
1939	1,165	23.61	53.1	44.5	623	12.64	29.3	43.2
1940	1,179	24.30	49.9	48.7	660	13.60	29.9	45.5
1941	1,291	26.56	54.3	48.9	684	14.09	30.8	45.8
1942	1,436	29.07	58.5	49.7	757	15.32	33.7	45.4
1943	1,553	30.86	62.6	49.3	829	16.48	38.0	43.4
1944	1,653	32.36	68.6	47.2	932	18.24	42.5	42.9
1945	1,667	32.88	71.3	46.1	914	18.03	42.3	42.6
1946	1,662	34.51	78.8	43.8	949	19.72	49.8	39.6
1947	1,818	39.20	88.1	44.5	1,049	22.63	57.0	39.7
1948	2,042	43.48	98.6	44.1	1,144	24.35	61.5	39.6
1949	2,114	45.39	102.0	44.5	1,222	26.24	66.1	39.7

TABLE 32. Average Annual, Weekly and Hourly Earnings of Male and Female Wage-Earners in the Manufacturing Industries, by Provinces, 1938-49 — Concluded

Province and Year	Male				Female			
	Annual	Weekly	Hourly	Hours worked per week	Annual	Weekly	Hourly	Hours worked per week
	$	$	cents	No.	$	$	cents	No.
Saskatchewan:								
1938	1,066	20.33	42.2	48.2	620	11.84	27.5	43.0
1939	1,059	20.62	43.0	48.0	592	11.53	26.7	43.2
1940	1,066	20.67	40.5	51.0	599	11.61	26.1	44.5
1941	1,136	22.81	43.7	52.2	687	13.81	29.8	46.4
1942	1,279	25.94	49.2	52.7	895	18.17	38.9	46.9
1943	1,461	29.34	56.8	51.7	1,005	20.19	41.9	48.2
1944	1,500	29.99	58.9	50.9	993	19.86	45.8	43.4
1945	1,526	32.36	69.4	46.6	934	19.81	45.6	43.4
1946	1,531	34.11	77.0	44.3	1,007	22.45	54.5	41.2
1947	1,726	39.16	87.5	43.8	1,106	25.10	62.3	40.3
1948	2,022	42.12	96.6	43.6	1,252	26.09	66.9	39.0
1949	2,142	43.33	101.0	42.9	1,384	27.99	71.4	39.2
Alberta:								
1938	1,051	21.42	45.9	46.7	671	13.67	31.3	43.7
1939	1,096	22.23	47.6	46.7	676	13.72	31.4	43.7
1940	1,134	22.53	46.3	48.7	638	14.19	26.8	47.4
1941	1,173	24.32	48.3	50.4	716	14.83	32.5	45.6
1942	1,309	26.93	52.9	50.9	801	16.50	35.2	46.4
1943	1,492	29.49	59.7	49.4	925	18.30	40.5	45.2
1944	1,568	31.50	64.4	48.9	996	20.01	44.8	44.7
1945	1,599	32.54	70.7	46.0	961	19.55	46.0	42.5
1946	1,582	34.50	79.3	43.5	981	21.38	51.4	41.6
1947	1,758	39.07	88.6	44.1	1,136	25.25	60.4	41.8
1948	2,005	43.80	100.0	43.8	1,251	27.31	67.1	40.7
1949	2,137	46.01	104.8	43.9	1,385	29.83	73.3	40.7
British Columbia:								
1938[2]	1,169	23.54	52.7	44.7	673	13.55	32.6	41.6
1939	1,201	23.73	51.8	45.8	652	12.89	29.8	43.2
1940	1,303	26.00	56.2	46.3	681	13.60	31.3	43.4
1941	1,417	28.99	62.6	46.3	743	15.18	34.3	44.2
1942	1,713	35.42	75.8	46.7	939	19.44	43.7	44.5
1943	1,903	37.57	81.3	46.2	1,239	24.46	56.0	43.7
1944	1,920	38.08	84.3	45.2	1,288	25.57	58.4	43.8
1945	1,879	36.21	83.4	43.4	1,139	21.96	53.4	41.1
1946	1,956	39.01	94.0	41.5	1,156	23.05	58.8	39.2
1947	2,045	43.55	107.8	40.4	1,229	26.19	68.2	38.4
1948	2,298	48.27	118.9	40.6	1,360	28.58	75.2	38.0
1949	2,410	49.82	123.0	40.5	1,381	28.57	76.8	37.2
Yukon and Northwest Territories[3]:								
1939	1,734	33.28	63.6	52.3	—	—	—	—
1940	1,596	35.81	69.3	51.7	741	16.60	31.3	53.0
1941	2,081	31.97	58.0	55.1	1,259	19.33	29.0	66.7
1942	1,703	40.74	73.8	55.2	723	17.33	28.9	60.0
1943	2,092	46.38	95.6	48.5	676	15.00	25.0	60.0
1944	1,922	45.79	91.0	50.3	—	—	—	—
1945	2,110	48.96	98.7	49.6	—	—	—	—

1. Information not available.
2. Includes Yukon.
3. Information not available after 1945.

TABLE 33. Average Annual, Weekly and Hourly Earnings of Male and Female Wage-Earners, in the Manufacturing Industries, by Industrial Groups, 1946-49

Group and Year	Male				Female			
	Annual	Weekly	Hourly	Hours worked per week	Annual	Weekly	Hourly	Hours worked per week
	$	$	cents	No.	$	$	cents	No.
Food and beverages:								
1946	–	33.09	72.4	45.7	–	18.27	47.1	38.8
1947	–	38.45	83.4	46.1	–	21.04	54.5	38.6
1948	1,945	41.68	90.8	45.9	1,064	22.31	58.3	38.8
1949	2,046	43.98	95.2	46.2	1,140	24.51	62.2	39.4
Tobacco and tobacco products:								
1946	–	30.06	65.9	45.6	–	20.37	49.2	41.4
1947	–	34.63	77.3	44.8	–	23.43	57.7	40.6
1948	2,105	44.15	98.1	45.0	1,488	31.23	75.8	41.2
1949	2,258	46.74	102.5	45.6	1,662	34.42	80.8	42.6
Rubber products:								
1946	–	41.09	90.1	45.6	–	23.98	56.7	42.3
1947	–	44.43	100.3	44.3	–	27.17	65.0	41.8
1948	2,338	49.84	112.5	44.3	1,481	31.17	76.4	40.8
1949	2,353	47.68	111.4	42.8	1,520	30.80	75.3	40.9
Leather products:								
1946	–	29.35	68.0	43.9	–	18.11	44.6	40.6
1947	–	33.51	79.4	42.2	–	20.11	51.3	39.2
1948	1,684	35.57	84.7	42.0	1,054	22.23	56.4	39.5
1949	1,807	36.39	88.1	41.3	1,131	22.77	59.3	38.4
Textile products: (except clothing)								
1946	–	28.33	60.8	46.6	–	19.87	48.1	41.3
1947	–	34.64	74.5	46.5	–	23.59	56.7	41.6
1948	1,946	38.93	83.9	46.4	1,349	26.98	65.0	41.5
1949	2,068	41.67	89.8	46.4	1,458	29.39	70.3	41.8
Clothing (textile and fur)								
1946	–	34.54	77.1	44.8	–	19.81	51.2	38.7
1947	–	39.17	91.3	42.9	–	21.81	56.8	38.4
1948	2,065	42.64	100.1	42.6	1,198	24.73	63.4	39.0
1949	2,170	43.31	104.1	41.6	1,261	25.17	65.9	38.2
Wood products:								
1946	–	31.73	69.9	45.4	–	21.02	50.9	41.3
1947	–	35.98	81.4	44.2	–	24.20	59.9	40.4
1948	1,758	40.00	90.5	44.2	1,199	27.30	66.9	40.8
1949	1,869	41.20	93.0	44.3	1,256	27.69	68.2	40.6
Paper products:								
1946	–	40.20	83.4	48.2	–	18.94	46.2	41.0
1947	–	47.38	98.5	48.1	–	22.36	54.0	41.4
1948	2,616	52.42	109.2	48.0	1,248	24.99	60.5	41.3
1949	2,721	53.31	111.3	47.9	1,350	26.44	63.1	41.9
Printing, publishing and allied trades:								
1946	–	40.53	93.6	43.3	–	18.71	48.6	38.5
1947	–	44.77	106.1	42.2	–	21.15	55.5	38.1
1948	2,395	49.52	117.9	42.0	1,109	22.94	60.7	37.8
1949	2,550	53.59	128.2	41.8	1,221	25.66	67.0	38.3
Iron and steel products:								
1946	–	37.89	84.2	45.0	–	22.11	52.9	41.8
1947	–	42.99	94.9	45.3	–	26.33	63.3	41.6
1948	2,305	47.61	105.8	45.0	1,443	29.83	71.7	41.6
1949	2,445	48.94	112.0	43.7	1,597	31.96	77.0	41.5

TABLE 33. Average Annual, Weekly and Hourly Earnings of Male and Female Wage-Earners in the Manufacturing Industries, by Industrial Groups, 1946-49 — Concluded

Group and Year	Male				Female			
	Annual	Weekly	Hourly	Hours worked per week	Annual	Weekly	Hourly	Hours worked per week
	$	$	cents	No.	$	$	cents	No.
Transportation equipment:								
1946	—	40.45	95.4	42.4	—	24.99	62.0	40.3
1947	—	45.27	103.6	43.7	—	30.51	74.6	40.9
1948	2,442	49.33	114.2	43.2	1,687	34.07	88.7	40.7
1949	2,494	51.08	118.8	43.0	1,706	34.93	38.2	39.6
Non-ferrous metal products:								
1946	—	37.78	84.9	44.5	—	20.90	51.1	40.9
1947	—	42.91	96.2	44.6	—	24.91	61.8	40.3
1948	2,350	47.45	107.1	44.3	1,349	27.23	66.9	40.7
1949	2,521	50.26	112.7	44.6	1,437	28.63	68.5	41.8
Electrical apparatus and supplies:								
1946	—	36.34	85.1	42.7	—	24.38	60.5	40.3
1947	—	43.28	99.5	43.5	—	30.04	73.8	40.7
1948	2,319	48.01	112.7	42.6	1,614	33.42	84.6	39.5
1949	2,493	50.38	117.7	42.8	1,740	35.18	87.3	40.3
Non-metallic mineral products:								
1946	—	34.11	73.2	46.6	—	21.97	52.3	42.0
1947	—	40.20	85.9	46.8	—	27.75	63.8	43.5
1948	2,138	44.46	95.0	46.8	1,443	30.00	70.1	42.8
1949	2,252	46.45	100.1	46.4	1,540	31.10	74.4	41.8
Products of petroleum and coal:								
1946	—	38.01	90.5	42.0	—	—	—	—
1947	—	44.06	104.7	42.1	—	—	—	—
1948	2,445	50.18	119.2	42.1	1,345	—	—	—
1949	2,613	52.58	125.5	41.9	1,435	—	—	—
Chemical and allied products:								
1946	—	35.97	79.4	45.3	—	19.35	47.2	41.0
1947	—	40.90	91.5	44.7	—	21.99	54.7	40.2
1948	2,227	45.03	100.3	44.9	1,223	24.72	61.2	40.4
1949	2,404	47.40	105.1	45.1	1,334	26.32	64.5	40.8
Miscellaneous industries:								
1946	—	30.91	70.4	43.9	—	19.43	47.4	41.0
1947	—	35.75	81.8	43.7	—	22.67	57.1	39.7
1948	1,920	39.33	90.2	43.6	1,244	25.49	63.1	40.4
1949	2,006	41.38	93.4	44.2	1,292	26.66	65.5	40.7

Note: Average annual earnings cannot be calculated without a recompilation of the figures for 1946 to 1949 in the new standard classification basis.

Average Annual, Weekly and Hourly Earnings of Salaried Employees. Beginning with 1946 the survey on weekly earnings and hours worked by wage-earners was expanded to include salaried employees as well. The survey covers establishments employing 15 hands or over and refers to the last week in October. Earnings and hours worked are reported for male and female wage-earners and salaried employees in 13 groups of hours ranging from 30 hours or less to 65 hours or more. The earnings reported for the week is the gross amount paid before deductions for income tax, unemployment insurance, etc. Weekly and hourly earnings as well as the hours worked are thus obtained directly from the tabulated results of the establishments covered. The annual earnings, however, have to be calculated as they are not directly obtained from the survey. To calculate annual earnings the results on weekly earnings are correlated with the results obtained through the annual Census of Industry, To illustrate the method used the following case will be used.

In 1949 the paper products group, according to the annual census of industry, reported 9,077 male and 3,573 female salaried employees with total payments of $46,537,336. From the October survey on weekly earnings this group showed $77.41 per week for male and $34.88 per week for female salaried employees. The proportion of female to male earnings is therefore $.451\left\{\frac{\$34.88}{\$77.41}\right\}$ Female employees are first reduced to a male basis and the calculation is then as follows:

Annual Earnings of Male Employees

$$\frac{\$46,537,336}{9,077 + .451(3,573)} = \frac{\$46,537,336}{10,688} = \$4,354$$

Annual Earnings of Female Employees

$$\$4,354 \times .451 = \$1,964$$

In the above calculation the assumption is made that annual earnings of male and female employees vary in the same proportion as their weekly earnings. In the above illustration it may also be noted that the calculated annual earnings for male employees amounting to $4,354 are higher than the weekly earnings multiplied by 52 which total only $4,025 ($77.41 x 52). This difference is due to the fact that the earnings reported to the Census of Industry include payments to executives as well as bonuses to employees which are usually paid at the end of the year, while the earnings reported for the one week in the year exclude such payments.

Annual earnings of male salaried employees in 1949 averaged $3,317, weekly earnings $65.37, hourly earnings $1.60 and hours worked per week totalled 40.8.

Annual earnings of female salaried employees averaged $1,655, weekly earnings $32.62, hourly earnings 84.5 cents and the hours worked per week were 38.6.

The following table gives the weekly and hourly earnings of male and female salaried employees for each province and major industrial group, for the year 1949.

Average Weekly and Hourly Earnings of Male and Female Salaried Employees by Provinces and Industrial Groups, 1949

Province and Industrial Group	Male earnings		Female earnings	
	Weekly	Hourly	Weekly	Hourly
	$	cents	$	cents
Province				
Nova Scotia	59.45	1.45	28.29	71.4
New Brunswick	57.64	1.32	27.88	68.6
Quebec	64.41	1.57	33.05	85.2
Ontario	51.82	1.28	29.59	77.2
Manitoba	62.19	1.48	30.30	75.9
Saskatchewan	53.23	1.25	29.30	71.3
Alberta	60.06	1.40	30.72	75.6
British Columbia	66.92	1.64	33.73	85.2
Canada	**65.37**	**1.60**	**32.62**	**84.5**
Industrial Group				
Food and beverages	62.27	1.48	31.64	80.3
Tobacco and tobacco products	65.26	1.61	36.63	93.4
Rubber products	63.53	1.60	30.90	80.9
Leather products	57.94	1.36	29.86	76.2
Textile products (except clothing)	65.47	1.56	31.46	80.2
Clothing (textile and fur)	60.25	1.45	32.08	82.0
Wood products	62.56	1.44	31.14	79.0
Paper products	77.41	1.92	34.88	90.8
Printing, publishing and allied industries	57.12	1.46	30.30	80.1
Iron and steel products	65.17	1.62	32.13	83.7
Transportation equipment	71.01	1.70	34.95	87.1
Non-ferrous metal products	71.43	1.71	33.95	87.5
Electrical apparatus and supplies	64.32	1.64	34.58	90.3
Non-metallic mineral products	62.87	1.54	31.96	84.5
Products of petroleum and coal	68.49	1.77	34.70	96.1
Chemicals and allied products	67.30	1.72	34.46	91.1
Miscellaneous industries	63.44	1.54	31.43	83.6

Tables 34 to 38 give details of annual, weekly and hourly earnings as well as the hours worked per week, by provinces and industrial groups for the years 1946 to 1949.

TABLE 34. Average Annual, Weekly and Hourly Earnings of Male and Female Salaried Employees in the Manufacturing Industries, 1946-49

Year	Average earnings			Hours worked per week
	Annual	Weekly	Hourly	
	$	$	cents	No.
All salaried employees:				
1946	—	43.85	106.7	41.1
1947	—	49.78	123.2	40.4
1948	2,687	52.91	131.3	40.3
1949	2,836	54.85	136.8	40.1
Male salaried employees:				
1946	—	53.21	126.7	42.0
1947	—	60.21	146.1	41.2
1948	3,147	63.47	154.4	41.1
1949	3,317	65.37	160.2	40.8
Female salaried employees:				
1946	—	25.91	65.6	39.5
1947	—	28.68	73.7	38.9
1948	1,551	31.26	80.5	38.8
1949	1,655	32.62	84.5	38.6

TABLE 35. Average Annual, Weekly and Hourly Earnings of All Salaried Employees in the Manufacturing Industries, by Provinces, 1946-49

Province and Year	Annual	Weekly	Hourly	Hours worked per week
	$	$	Cents	No.
Nova Scotia:				
1946	—	39.89	92.5	43.1
1947	—	45.34	108.2	41.9
1948	2,036	48.42	116.1	41.7
1949	2,179	50.47	124.6	40.5
New Brunswick:				
1946	—	40.33	93.3	43.2
1947	—	44.59	102.3	43.6
1948	2,204	46.70	109.3	42.7
1949	2,233	48.42	113.1	42.8
Quebec:				
1946	—	44.57	107.4	41.5
1947	—	49.45	121.8	40.6
1948	2,699	52.39	129.0	40.6
1949	2,812	54.66	135.3	40.4
Ontario:				
1946	—	43.82	108.2	40.5
1947	—	50.46	126.1	40.0
1948	2,816	53.63	134.7	39.8
1949	2,990	55.32	139.3	39.7
Manitoba:				
1946	—	41.46	97.1	42.7
1947	—	46.07	110.5	41.7
1948	2,563	49.68	118.8	41.8
1949	2,729	52.98	128.3	41.3
Saskatchewan:				
1946	—	38.78	90.4	42.9
1947	—	41.95	99.6	42.1
1948	1,937	44.90	107.1	41.9
1949	2,085	45.18	107.0	42.2
Alberta:				
1946	—	39.34	91.7	42.9
1947	—	44.32	104.5	42.4
1948	2,122	48.20	113.4	42.5
1949	2,311	51.80	122.7	42.2
British Columbia:				
1946	—	46.59	111.2	41.9
1947	—	52.89	130.3	40.6
1948	2,522	56.38	138.8	40.6
1949	2,758	57.91	143.3	40.4

TABLE 36. Average Annual, Weekly and Hourly Earnings of All Salaried Employees in the Manufacturing Industries, by Industrial Groups, 1946-49

Group and Year	Annual	Weekly	Hourly	Hours worked per week
	$	$	Cents	No.
Food and beverages:...				
1946	—	41.33	97.9	42.2
1947	—	47.23	114.6	41.2
1948	2,384	52.01	125.6	41.4
1949	2,518	52.31	126.9	41.2
Tobacco and tobacco products:				
1946	—	39.94	96.7	41.3
1947	—	44.21	109.4	40.4
1948	2,863	52.47	130.5	40.2
1949	3,109	54.17	135.4	40.0
Rubber products:				
1946	—	44.97	111.3	40.4
1947	—	48.69	123.9	39.3
1948	2,800	51.84	132.2	39.2
1949	2,974	53.70	137.0	39.2
Leather products:				
1946	—	37.93	88.0	43.1
1947	—	45.06	107.5	41.9
1948	2,898	47.20	114.0	41.4
1949	3,033	48.95	117.9	41.5

TABLE 36. Average Annual, Weekly and Hourly Earnings of All Salaried Employees in the Manufacturing Industries, by Industrial Groups, 1946-49 – Concluded

Group and Year	Annual	Weekly	Hourly	Hours worked per week
	$	$	Cents	No.
Textile products (except clothing):				
1946	–	48.08	115.8	41.5
1947	–	50.19	121.8	41.2
1948	3,111	53.32	130.0	41.0
1949	3,199	53.69	130.9	41.0
Clothing (textile and fur):				
1946	–	38.00	91.5	41.5
1947	–	44.91	110.1	40.8
1948	3,004	45.97	112.4	40.9
1949	3,132	48.04	118.3	40.6
Wood products:				
1946	–	42.65	97.6	43.7
1947	–	50.11	117.6	42.6
1948	1,727	51.99	122.6	42.4
1949	1,905	54.15	127.7	42.4
Paper products:				
1946	–	52.29	127.8	40.9
1947	–	59.44	149.0	39.9
1948	3,475	62.64	155.8	40.2
1949	3,679	65.57	164.3	39.9
Printing, publishing and allied trades:				
1946	–	37.07	92.9	39.9
1947	–	41.86	106.0	39.5
1948	2,400	43.75	112.2	39.0
1949	2,368	46.55	120.3	38.7
Iron and steel products:				
1946	–	50.14	122.6	40.9
1947	–	50.22	124.9	40.2
1948	2,865	53.41	133.2	40.1
1949	3,095	55.77	140.1	39.8
Transportation equipment:				
1946	–	50.14	118.8	42.2
1947	–	55.47	134.9	41.1
1948	3,087	59.72	143.5	41.6
1949	3,277	62.04	149.5	41.5
Non-ferrous metal products:				
1946	–	47.22	113.5	41.6
1947	–	54.49	133.2	40.9
1948	2,921	57.70	140.7	41.0
1949	3,189	60.25	147.3	40.9
Electrical apparatus and supplies:				
1946	–	45.46	114.8	39.6
1947	–	50.08	125.5	39.9
1948	2,767	52.96	135.8	39.0
1949	2,990	55.15	141.4	39.0
Non-metallic mineral products:				
1946	–	43.29	104.5	41.4
1947	–	50.43	123.3	40.9
1948	2,642	53.45	132.0	40.5
1949	2,837	53.94	135.2	39.9
Products of petroleum and coal:				
1946	–	47.66	120.6	39.5
1947	–	55.06	141.9	38.8
1948	2,925	59.97	157.0	38.2
1949	3,100	61.40	161.6	38.0
Chemical and allied products:				
1946	–	43.88	111.1	39.5
1947	–	49.19	126.1	39.0
1948	2,801	51.60	133.0	38.8
1949	2,883	54.89	141.8	38.7
Miscellaneous industries:				
1946	–	39.89	92.5	43.1
1947	–	45.34	108.2	41.9
1948	2,036	48.42	116.1	41.7
1949	2,179	50.47	124.6	40.5

TABLE 37. Average Annual, Weekly and Hourly Earnings of Male and Female Salaried Employees in the Manufacturing Industries, by Provinces, 1946-49

Province and Year	Male				Female			
	Annual	Weekly	Hourly	Hours worked per week	Annual	Weekly	Hourly	Hours worked per week
	$	$	cents	No.	$	$	cents	No.
Nova Scotia:								
1946	—	46.36	106.2	44.1	—	23.54	57.8	40.7
1947	—	53.44	125.4	42.6	—	25.67	64.2	40.0
1948	2,292	56.49	133.2	42.4	1,107	27.29	68.4	39.9
1949	2,455	59.45	145.3	40.9	1,169	28.29	71.4	39.6
New Brunswick:								
1946	—	48.25	108.9	44.3	—	22.68	55.4	40.9
1947	—	53.56	120.1	44.6	—	24.78	60.1	41.2
1948	2,516	55.94	127.7	43.8	1,208	26.86	66.5	40.4
1949	2,568	57.64	131.6	43.8	1,243	27.88	68.6	40.6
Quebec:								
1946	—	53.30	125.4	42.5	—	26.63	67.2	39.6
1947	—	59.09	143.1	41.3	—	28.95	74.0	39.1
1948	3,119	62.20	150.2	41.4	1,581	31.52	80.8	39.0
1949	3,256	64.41	156.7	41.1	1,670	33.05	85.2	38.8
Ontario:								
1946	—	39.61	95.9	41.3	—	21.86	55.7	39.2
1947	—	45.57	111.7	40.8	—	25.29	66.4	38.6
1948	3,271	49.89	122.9	40.6	1,842	28.08	73.1	38.4
1949	3,458	51.82	128.2	40.4	1,974	29.59	77.2	38.3
Manitoba:								
1946	—	48.93	113.0	43.3	—	23.76	57.8	41.1
1947	—	54.62	129.4	42.2	—	26.07	64.5	40.4
1948	2,981	58.96	138.8	42.5	1,404	28.21	69.8	40.4
1949	3,150	62.19	148.4	41.9	1,534	30.30	75.9	39.9
Saskatchewan:								
1946	—	46.10	105.5	43.7	—	24.20	58.6	41.3
1947	—	50.47	117.4	43.0	—	25.90	63.2	41.0
1948	2,216	54.52	128.6	42.4	1,143	28.25	68.7	41.1
1949	2,364	53.23	124.6	42.7	1,300	29.30	71.3	41.1
Alberta:								
1946	—	46.30	106.2	43.6	—	23.66	57.0	41.5
1947	—	51.68	120.2	43.0	—	26.62	64.9	41.0
1948	2,332	55.81	129.2	43.2	1,239	29.04	71.3	40.7
1949	2,610	60.06	140.3	42.8	1,334	30.72	75.6	40.6
British Columbia:								
1946	—	54.10	127.6	42.4	—	27.36	67.4	40.6
1947	—	61.70	150.5	41.0	—	30.07	75.7	39.7
1948	2,835	65.16	158.9	41.0	1,451	33.40	84.5	39.5
1949	3,133	66.92	164.4	40.7	1,579	33.73	85.2	39.6

TABLE 38. Average Annual, Weekly and Hourly Earnings of Male and Female Salaried Employees in the Manufacturing Industries, by Industrial Groups, 1946-49

Group and Year	Male				Female			
	Annual	Weekly	Hourly	Hours worked per week	Annual	Weekly	Hourly	Hours worked per week
	$	$	cents	No.	$	$	cents	No.
Foods and beverages:								
1946	—	49.90	115.5	43.2	—	24.62	61.1	40.3
1947	—	57.19	136.1	42.0	—	27.75	69.9	39.7
1948	2,792	62.62	147.0	42.4	1,348	30.24	76.7	39.4
1949	2,930	62.27	147.7	42.1	1,490	31.64	80.3	39.4
Tobacco and tobacco products:								
1946	—	51.45	122.2	42.1	—	25.17	62.3	40.4
1947	—	54.68	133.0	41.1	—	28.96	73.9	39.2
1948	3,412	64.94	159.1	40.8	1,836	34.92	88.8	39.3
1949	3,667	65.26	161.1	40.5	2,057	36.63	93.4	39.2
Rubber products:								
1946	—	54.64	133.6	40.9	—	25.17	64.2	39.2
1947	—	58.64	147.7	39.7	—	27.34	71.2	38.4
1948	3,333	61.95	156.0	39.7	1,606	29.38	78.2	38.2
1949	3,491	63.53	160.0	39.7	1,697	30.90	80.9	38.2

TABLE 38. Average Annual, Weekly and Hourly Earnings of Male and Female Salaried Employees in the Manufacturing Industries, by Industrial Groups, 1946-49 — Concluded

Group and Year	Male				Female			
	Annual	Weekly	Hourly	Hours worked per week	Annual	Weekly	Hourly	Hours worked per week
	$	$	cents	No.	$	$	cents	No.
Leather products:								
1946	—	45.12	101.4	44.5	—	23.66	58.7	40.3
1947	—	54.25	125.6	43.2	—	26.21	67.0	39.1
1948	3,409	56.83	133.7	42.5	1,684	28.08	71.6	39.2
1949	3,533	57.94	136.0	42.6	1,819	29.86	76.2	39.2
Textile products (Except clothing):								
1946	—	59.30	139.2	42.6	—	27.07	68.7	39.4
1947	—	62.32	149.2	42.1	—	27.53	69.9	39.4
1948	3,856	66.48	157.9	42.1	1,742	30,02	76.6	39.2
1949	3,834	65.47	156.2	41.9	1,864	31.46	80.2	39.2
Clothing (Textile and fur):								
1946	—	47.65	111.6	42.7	—	25.13	63.1	39.8
1947	—	57.75	137.5	42.0	—	28.30	72.2	39.2
1948	3,691	58.76	139.2	42.2	1,897	30.22	76.7	39.4
1949	3,817	60.25	144.5	41.7	2,031	32.08	82.0	39.1
Wood products:								
1946	—	50.08	110.8	45.2	—	24.92	62.0	40.2
1947	—	58.70	134.0	43.8	—	27.43	69.2	39.6
1948	1,853	60.46	138.6	43.6	917	29.93	76.1	39.3
1949	2,038	62.56	143.8	43.5	1,015	31.14	79.0	39.4
Paper products:								
1946	—	62.49	150.2	41.6	—	27.45	69.7	39.4
1947	—	70.72	175.0	40.4	—	31.33	81.1	38.6
1948	4,069	73.69	181.0	40.7	1,921	34.82	90.0	38.7
1949	4,354	77.41	191.6	40.4	1,964	34.88	90.8	38.4
Printing, publishing and allied trades:								
1946	—	45.76	112.7	40.6	—	24.30	62.3	39.0
1947	—	50.21	125.5	40.0	—	26.84	69.3	38.7
1948	2,860	53.76	136.4	39.4	1,533	28.82	75.2	38.3
1949	2,879	57.12	145.7	39.2	1,526	30.30	80.1	37.8
Iron and steel products:								
1946	—	52.88	127.4	41.5	—	25.43	64.7	39.3
1947	—	59.60	146.1	40.8	—	27.92	72.3	38.6
1948	3,358	63.09	155.0	40.7	1,617	30.35	78.6	38.6
1949	3,574	65.17	161.7	40.3	1,762	32.13	83.7	38.4
Transportation equipment:								
1946	—	57.95	135.4	42.8	—	28.03	69.3	40.5
1947	—	64.15	154.2	41.6	—	30.62	77.1	39.7
1948	3,494	68.03	161.6	42.1	1,768	34.44	85.7	40.2
1949	3,713	71.01	169.5	41.9	1,827	34.95	87.1	40.1
Non-ferrous metal products:								
1946	—	57.07	134.6	42.4	—	27.71	69.1	40.1
1947	—	64.87	155.9	41.6	—	30.41	77.6	39.2
1948	3,426	68.57	164.4	41.7	1,644	32.91	84.1	39.1
1949	3,776	71.43	170.9	41.8	1,794	33.95	87.5	38.8
Electrical apparatus and supplies:								
1946	—	54.74	136.5	40.1	—	27.68	71.7	38.6
1947	—	60.51	149.0	40.6	—	29.66	76.8	38.6
1948	3,267	62.39	158.7	39.3	1,735	33.14	86.5	38.3
1949	3,489	64.32	163.6	39.3	1,877	34.58	90.3	38.3
Non-metallic mineral products:								
1946	—	50.47	119.3	42.3	—	25.96	66.2	39.2
1947	—	58.09	140.6	41.3	—	29.76	74.4	40.0
1948	3,005	62.03	150.2	41.3	1,512	31.22	81.7	38.2
1949	3,218	62.87	154.1	40.8	1,635	31.96	84.5	37.8
Products of petroleum and coal:								
1946	—	54.05	135.4	39.9	—	26.33	68.9	38.2
1947	—	61.43	157.1	39.1	—	32.07	86.0	37.3
1948	3,258	66.31	172.2	38.5	1,753	35.68	96.2	37.1
1949	3,490	68.49	177.4	38.6	1,769	34.70	96.1	36.1
Chemicals and allied products:								
1946	—	55.92	139.8	40.0	—	27.08	69.8	38.8
1947	—	62.01	157.0	39.5	—	30.28	79.0	38.3
1948	3,394	63.56	161.7	39.3	1,731	32.41	85.3	38.0
1949	3,481	67.30	171.7	39.2	1,782	34.46	91.1	37.8
Miscellaneous industries:								
1946	—	51.41	122.7	41.9	—	25.62	66.2	38.7
1947	—	61.81	150.0	41.2	—	29.22	75.7	38.6
1948	3,148	61.75	149.9	41.2	1,587	31.15	81.5	38.2
1949	3,435	63.44	154.3	41.1	1,700	31.43	83.6	37.6

Real Earnings of Employees in Recent Years. When the index number representing the average yearly wages is divided by the index number of the cost of living, on the same base, a measure of "real" wages is obtained. Index numbers for 1931 to 1949 are given in Table 39. In 1933, the height of the depression, real wages were 88.3 on the 1935-39 base. From then on they rose steadily and stood at 141.1 in 1944, an increase of about 60 p.c. In 1946 real wages dropped to 131.6 and rose again to 138.0 in 1949.

TABLE 39. Average Yearly Earnings, and Index Numbers of Earnings, Cost of Living and Real Wages of Wage-Earners, in the Manufacturing Industries, 1931-49

Year	Wages paid	Average wage-earners	Average yearly earnings	Index numbers (1935-39=100)		
				Average yearly earnings	Cost of living	Real value of average yearly earnings
	$	No.	$			
1931	415,277,895	437,149	950	101.9	109.1	93.4
1932	322,245,926	381,783	844	90.6	99.0	91.5
1933	296,929,878	382,022	777	83.4	94.4	88.3
1934	355,090,929	427,717	830	89.1	95.7	93.1
1935	399,012,697	458,734	870	93.3	96.2	97.0
1936	438,873,377	489,942	896	96.1	98.1	98.0
1937	525,743,562	544,624	965	103.5	101.2	102.3
1938	498,282,208	521,427	956	102.6	102.2	100.4
1939	519,971,819	533,342	975	104.6	101.5	103.1
1940	679,273,104	626,484	1,084	116.3	105.6	110.1
1941	978,525,782	802,234	1,220	130.9	111.7	117.2
1942	1,347,934,049	974,904	1,383	148.4	117.0	126.8
1943	1,598,434,879	1,047,873	1,525*	163.6	118.4	138.2
1944	1,611,555,776	1,030,324	1,564	167.8	118.9	141.1
1945	1,427,915,830	928,665	1,538	165.0	119.5	138.1
1946	1,329,811,478	877,150	1,516	162.7	123.6	131.6
1947	1,611,232,166	940,650	1,713	183.8	135.5	135.6
1948	1,876,773,231	957,491	1,960	210.3	155.0	135.7
1949	1,963,462,720	949,656	2,068	221.9	160.8	138.0

Percentages of Salaries and Wages to Net Value of Products. Table 40 shows the relation between salaries and wages paid by manufacturers and the total net value of production. Figures of gross production are often used in such calculations, but the values out of which the wages of employees must come in the long run are the values added to the raw materials while they are in the factory. Such added values constitute the real production of the manufacturing plant and are alone available for payment of salaries and wages, interest, rent, taxes, repairs and all other overhead charges that ordinarily must be met. The percentage declined steadily with the increasing manufacturing production from 1924 to 1929, while from 1931 to 1935 and again in 1938 and 1939, due to decreased industrial activity, the percentage of salaries to value added was above normal. It should be borne in mind, however, that salaried employees increased 216 p.c. during the period 1924-49 while wage-earners increased 127 p.c. The percentage of wages has fluctuated much less than that of salaries. The number of wage-earning employees may be more rapidly adjusted to the activity of the industry and wage levels likewise may be more readily adjusted to the price levels of the products. Of the increase in the net value of production since 1939 amounting to $3,799,514,533, $1,854,079,504 or 49 p.c. was passed along in increased salaries and wages.

TABLE 40. Percentages of Salaries and Wages Paid to the Total Net Values of Manufacturing Production, 1924-49

Year	Value added by processes of manufacture[1]	Salaries paid	Wages paid	Percentages		
				of salaries to value added	of wages to value added	of total salaries and wages to value added
	$	$	$	p.c.	p.c.	p.c.
1924	1,075,458,459	130,344,822	404,122,853	12.1	37.6	49.7
1925	1,167,936,726	133,409,498	436,534,944	11.4	37.4	48.8
1926	1,305,168,549	142,353,900	483,328,342	10.9	37.0	47.9
1927	1,427,649,292	151,419,411	511,285,921	10.6	35.8	46.4
1928	1,597,887,676	162,903,007	558,568,627	10.2	35.0	45.2
1929	1,755,386,937	175,553,710	601,737,507	10.0	34.3	44.3
1930	1,522,737,125	169,992,216	527,563,162	11.2	34.6	45.8
1931	1,252,017,248	172,289,095	415,277,895	13.8	33.2	47.0
1932	955,960,724	151,355,790	322,245,926	15.8	33.7	49.5
1933	919,671,181	139,317,946	296,929,878	15.1	32.3	47.4
1934	1,087,301,742	148,760,126	355,090,929	13.7	32.7	46.4
1935	1,153,485,104	160,455,080	399,012,697	13.9	34.6	48.5
1936	1,289,592,672	173,198,057	438,873,377	13.4	34.0	47.4
1937	1,508,924,867	195,983,475	525,743,562	13.0	34.8	47.8
1938	1,428,286,778	207,386,381	498,282,208	14.5	34.9	49.4
1939	1,531,051,901	217,839,334	519,971,819	14.2	34.0	48.2
1940	1,942,471,238	241,599,761	679,273,104	12.0	35.0	47.0
1941	2,605,119,788	286,336,861	978,525,782	11.0	37.6	48.6
1942	3,309,973,758	334,870,793	1,347,934,049	10.1	40.7	50.8
1943	3,816,413,541	388,857,505	1,598,434,879	10.2	42.0	52.2
1944	4,015,776,010	418,065,594	1,611,555,776	10.4	40.2	50.6
1945	3,564,315,899	417,857,619	1,427,915,830	11.7	40.1	51.8
1946	3,467,004,980	410,875,776	1,329,811,478	11.8	38.4	50.2
1947	4,292,055,802	474,693,800	1,611,232,166	11.0	37.6	48.6
1948	4,938,786,981	532,594,959	1,876,773,231	10.8	38.0	48.8
1949	5,330,566,434	628,427,937	1,963,462,720	11.8	36.8	48.6

1. Equivalent to "net value of products", see footnote 1, Table 1, p.7.

Subsection 4. Size of Manufacturing Establishments

The size of the manufacturing establishment is generally measured either by the value of product or by the number of employees, but each of these methods has its limitations. The latter takes no account of the differences in capital equipment at different times or in various industries and obviously the increased use of machinery, as in the flour-milling industry, may lead to an increase in production concurrently with a decrease in number of employees. The former measure has to be adjusted for changes in the price level and, as between industries, it makes those in which the cost of raw materials is relatively high appear to operate on a larger scale.

Size as Measured by Gross Value of Products. While in 1922 the 420 establishments each producing over $1,000,000 had an aggregate value of products of $1,268,056,129 or 51 p.c. of the total production of all manufacturing industries the 719 establishments producing over $1,000,000 each in 1929 had an aggregate value of products of $2,516,064,954. or 62 p.c. of the grand total for all manufacturing establishments—a very significant change in the short period of eight years. In 1931, however, the number of plants with a production of over $1,000,000 dropped again to 482, their output being valued at $1,451,658,954, or 53 p.c. of the total. With the increased production resulting from war needs, the number of plants with a production of $1,000,000 or over jumped to 1,376 in 1944 and their output was about 75 p.c. of the total value of manufactures. With the end of the war and the consequent decline in production of the huge war plants the number of establishments with a production of $1,000,000 or over, although increasing to 1,442 in 1946, nevertheless saw a decline in the proportion of their output to 67 p.c. of the total. With increased prices and an expansion in the physical volume of production during 1947 to 1949, establishments with a production of $1,000,000 or over increased to 1,926 while their contribution to the total output rose to 74 p.c.

TABLE 41. Manufacturing Establishments Classified According to Gross Value of Products 1929, 1939, 1944 and 1949

Group of gross values	1929[1]			1939[2]		
	Establishments	Total production	Average per establishment	Establishments	Total production	Average per establishment
	No.	$	$	$	$	$
Under $25,000	14,024	106,735,470	7,611	15,623	120,903,054	7,739
$ 25,000 but under $ 50,000	2,802	99,529,725	35,521	2,803	99,558,383	35,519
50,000 " 100,000	2,209	156,308,744	70,760	2,215	156,410,769	70,614
100,000 " 200,000	1,688	237,532,492	140,718	1,584	225,582,130	142,413
200,000 " 500,000	1,519	504,218,217	331,941	1,285	390,626,844	303,990
500,000 " 1,000,000	636	443,597,677	697,481	689	466,441,130	676,983
1,000,000 " 5,000,000	601	1,217,866,089	2,026,400	520	1,091,293,939	2,098,642
5,000,000 and over	118	1,298,198,865	11,001,685	81	923,724,311	11,404,004
Totals and Averages	**23,597**	**4,063,987,279**	**172,225**	**24,800**	**3,474,540,560**	**140,102**
	1944			1949		
Under $25,000	13,942	128,782,147	9,237	16,176	145,907,685	9,020
$ 25,000 but under $ 50,000	4,011	143,023,914	35,658	4,884	174,899,010	35,810
50,000 " 100,000	3,442	245,273,500	71,259	4,487	320,878,071	71,513
100,000 " 200,000	2,513	355,235,489	141,359	3,630	514,921,581	141,852
200,000 " 500,000	2,256	714,546,348	316,731	3,195	1,000,486,294	313,141
500,000 " 1,000,000	943	661,670,696	701,666	1,494	1,041,235,578	696,945
1,000,000 " 5,000,000	1,089	2,294,546,053	2,107,021	1,505	3,164,936,378	2,102,948
5,000,000 and over	287	4,530,614,372	15,786,113	421	6,116,328,703	14,528,097
Totals and Averages	**28,483**	**9,073,692,519**	**318,565**	**35,792**	**12,479,593,300**	**348,670**

1. Includes central electric stations and dyeing, cleaning and laundry establishments.
2. Exclusive of Yukon and the Northwest Territories.

Size as Measured by Number of Employees. In 1929, establishments employing 501 hands or over accounted for 27.3 p.c. of the number of employees engaged in manufacturing. The tendency then in evidence of increasing concentration into larger units was checked by the depression, the percentage dropping to 20.5 in 1933, (central electric stations included), but rising again to 25.6 in 1939. The same holds true for establishments employing 101 hands or over. In 1929 they employed 61.9 p.c., in 1933, 55.7 p.c. and in 1939 61.5 p.c.

The effect of the War on the concentration of industries into large units is illustrated by the increase in the number of establishments employing 500 hands or over. In 1939 such establishments numbered 172 and employed 25.6 p.c. of the total number of employees engaged in manufacturing. By 1944 the number had increased to 383 and the percentage of total employees to 47.0. In a further subdivision of this group in 1944 it was found that 226 establishments employed between 500 and 999 persons, 56 between 1,000 and 1,499, and 101 employed over 1,500. Altogether there were 12 plants employing over 7,000 persons, the largest having an employment of a little over 13,000 with the next three largest employing between 9,000 and 10,000. Three other plants employed between 8,000 and 9,000 persons while the lowest five plants in this group employed between 7,000 and 8,000 workers.

With the resumption of peace-time production the larger establishments declined in size so that by 1949 only 62 establishments employed over 1,500 persons, as compared with 101 in 1944. The largest manufacturing plant in Canada employed over 13,000 persons in 1949, the next largest over 8,000, while the next six largest over 6,000 persons. The following is the size distribution of the highest group.

Employees	Establishments
Over 6,000	8
5,000 to 6,000	1
4,000 to 5,000	11
3,000 to 4,000	4
1,500 to 3,000	38
Total	62

TABLE 42. Manufacturing Establishments, Classified by Numbers of Employees and by Provinces, 1949

Province or Territory	Up to 500	500 to 799	800 to 999	1,000 to 1,499	1,500 or over	Total
Newfoundland	791	—	—	1	1	793
Prince Edward Island	251	—	—	—	—	251
Nova Scotia	1,472	2	2	1	3	1,480
New Brunswick	1,052	6	—	1	1	1,060
Quebec	11,459	58	21	22	19	11,579
Ontario	12,777	88	21	31	34	12,951
Manitoba	1,514	2	—	2	2	1,520
Saskatchewan	962	—	—	—	—	962
Alberta	1,681	3	—	1	—	1,685
British Columbia	3,473	13	3	2	2	3,493
Yukon and Northwest Territories	18	—	—	—	—	18
Canada	**35,450**	**172**	**47**	**61**	**62**	**35,792**

TABLE 43. Manufacturing Establishments Classified by Number of Employees per Establishment, 1929, 1939, 1944 and 1949

Group	1929[1]			1939[2]		
	Establishments	Employees	Average per establishment	Establishments	Employees	Average per establishment
	No.	No.	No.	No.	No.	No.
Under 5 employees	12,273	30,446	2.5	13,002	28,020	2.2
5 to 20 employees	6,160	62,310	10.1	6,985	68,151	9.8
21 " 50 "	2,531	81,846	32.3	2,330	75,324	32.3
51 " 100 "	1,262	90,238	71.5	1,158	81,646	70.5
101 " 200 "	745	103,944	139.5	695	97,063	139.7
201 " 500 "	444	136,397	307.2	458	139,687	305.0
501 and over	182	189,253	1,040.0	172	168,163	977.7
Totals and Averages	**23,597**	**694,434**	**29.4**	**24,800**	**658,059**	**26.5**
	1944			1949		
Under 5 employees	13,208	29,958	2.3	16,647	34,865	2.1
5 to 14 employees	7,111	58,404	8.2	9,133	75,482	8.3
15 " 49 "	4,615	124,408	27.0	5,967	159,012	26.7
50 " 99 "	1,622	113,869	70.2	1,905	132,069	69.3
100 " 199 "	900	126,192	140.2	1,114	156,084	140.1
200 " 499 "	644	196,707	305.4	694	213,130	307.1
500 and over	383	573,344	1,497.0	332	391,455	1,179.1
Head offices[3]	—	—	—	—	9,110	0.1
Totals and Averages	**28,483**	**1,222,882**	**42.9**	**35,792**	**1,171,207**	**32.7**

1. Includes central electric stations, dyeing, cleaning and laundry establishments.
2. Exclusive of Yukon and the Northwest Territories.
3. Under this heading are included only those head offices which are not located at a plant.

Size of Establishment in Leading Industries. Table 44 summarizes the degree of concentration in some of the leading industries of Canada. Concentration is extremely marked in the case of motor vehicles, non-ferrous metal smelting and refining, railway rolling-stock, cotton yarn and cloth, rubber goods, pulp and paper, primary iron and steel and agricultural implements and machinery; whereas in the case of fruit and vegetable preparations, bread and other bakery products, sawmills, furniture, butter and cheese, women's factory clothing, stock and poultry feeds, and miscellaneous foods, the degree of concentration is low. This concentration is analysed in detail for each of the twenty-five leading industries in the tables following.

TABLE 44. Percentage Importance of Establishments, each Employing 200 or more Persons in the Twenty-Five Leading Industries, 1949

	Industry	Number of such establishments	Percentage of total number in the industry	Percentage of total production in the industry
1	Pulp and paper	68	55.3	93.0
2	Slaughtering and meatpacking	28	17.8	75.1
3	Non-ferrous metal smelting and refining	11	68.7	96.4
4	Motor vehicles	7	46.7	97.4
5	Petroleum products	13	27.7	79.5
6	Sawmills	22	0.3	25.8
7	Butter and cheese	20	1.1	19.0
8	Primary iron and steel	28	51.0	92.7
9	Railway and rolling stock equipment	24	61.5	96.3
10	Flour mills	9	6.3	52.7
11	Clothing, men's factory	29	5.1	35.6
12	Cotton yarn and cloth	30	56.6	95.0
13	Bread and other bakery products	20	0.7	25.9
14	Clothing, women's factory	8	0.9	7.6
15	Rubber goods, including footwear	21	33.9	93.9
16	Agricultural implements and machinery	10	12.7	91.2
17	Motor vehicles parts	21	14.0	76.8
18	Printing and publishing	27	3.4	62.5
19	Miscellaneous electrical products	15	10.3	80.3
20	Miscellaneous foods	1	0.3	[1]
21	Machinery, heavy electrical	14	30.4	88.7
22	Furniture	16	1.3	19.1
23	Sheet metal products	25	9.1	66.2
24	Feeds, stock and poultry, prepared	1	0.2	[1]
25	Fruit and vegetable preparations	4	0.8	26.2

1. Information cannot be published.

TABLE 45. Principal Statistics of the Twenty-Five Leading Manufacturing Industries, Grouped According to Number of Employees per Establishment, 1949

Group and industry	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
1. Pulp and paper:						
Under 5 employees	1	34	74,080	31,311	72,077	236,465
5 to 14 employees	3					
15 to 49 "	17	520	1,152,789	369,868	3,123,032	7,143,398
50 to 99 "	14	990	2,426,110	949,050	6,373,212	12,128,390
100 to 199 "	20	2,978	7,417,053	2,580,035	19,341,495	38,870,673
200 to 499 "	26	8,448	24,070,607	11,451,699	58,354,348	141,258,034
500 and over	42	37,411	114,571,490	48,728,184	261,398,555	636,511,433
Head offices[1]	—	1,669	7,991,739	—	—	—
Totals	**123**	**52,050**	**157,703,868**	**64,110,147**	**348,662,719**	**836,148,393**
2. Slaughtering and meatpacking:						
Under 5 employees	17	44	66,638	19,044	1,022,453	1,165,883
5 to 14 employees	40	336	737,110	86,752	11,900,690	13,786,827
15 to 49 "	39	1,026	2,083,507	194,922	27,390,400	32,356,466
50 to 99 "	21	1,577	3,693,920	380,809	56,452,890	65,706,824
100 to 199 "	12	1,758	4,035,111	366,524	53,101,561	60,440,779
200 to 499 "	18	5,760	14,439,857	953,931	147,517,923	176,739,074
500 and over	10	10,085	27,080,037	1,647,352	288,855,720	347,754,186
Totals	**157**	**20,586**	**52,136,180**	**3,649,334**	**586,241,637**	**697,950,039**
3. Non-ferrous metal smelting and refining:						
15 to 49 employees	1	709	1,851,906	1,217,605	14,867,005	21,296,965
100 to 199 "	4					
200 to 499 "	2					
500 and over	9	18,441	53,281,159	35,786,706	365,408,972	577,891,170
Totals	**16**	**19,150**	**55,133,065**	**37,004,311**	**380,275,977**	**599,188,135**

1. Under this heading are included only those head offices which are not located at the plant.

TABLE 45. Principal Statistics of the Twenty-Five Leading Manufacturing Industries, Grouped According to Number of Employees per Establishment, 1949—Continued

Group and industry	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
4. Automobiles:						
50 to 99 employees	5	386	1,164,537	28,278	2,369,403	5,665,381
100 to 199 "	3	524	1,265,666	65,671	4,215,328	6,500,291
200 to 499 "	1					
500 and over	6	26,102	74,254,123	2,902,245	293,120,667	473,891,205
Totals	**15**	**27,022**	**76,684,328**	**2,996,194**	**300,705,398**	**485,756,877**
5. Petroleum products:						
Under 5 employees	7	13	33,516	2,079	85,773	223,738
5 to 14 employees	6	41	105,223	6,805	522,334	815,049
15 to 49 "	8	214	404,177	111,379	4,741,540	6,015,595
50 to 99 "	6	414	1,077,511	625,106	14,490,909	20,653,971
100 to 199 "	7	948	2,494,851	1,468,620	52,401,737	61,865,936
200 to 499 "	10	3,445	9,322,833	6,939,421	134,411,022	180,259,723
500 and over	3	3,817	11,101,322	7,698,348	130,259,191	166,962,201
Head offices[1]	—	516	1,602,843	—	—	—
Totals	**47**	**9,413**	**26,142,276**	**16,852,060**	**336,973,056**	**436,796,213**
6. Sawmills:						
Under 5 employees	5,412	10,863	8,093,330	823,121	22,918,460	41,977,629
5 to 14 employees	1,438	11,394	15,877,539	1,116,765	37,300,442	69,826,089
15 to 49 "	470	11,625	21,174,734	1,034,603	48,632,959	88,454,230
50 to 99 "	79	5,203	11,264,000	428,937	21,354,785	43,767,600
100 to 199 "	39	5,340	13,105,986	421,691	25,621,249	49,991,939
200 to 499 "	14	4,438	11,557,797	244,503	21,703,193	46,148,559
500 and over	8	5,830	15,126,924	279,383	23,354,129	56,249,155
Head offices[1]	—	339	1,248,731	—	—	—
Totals	**7,460**	**55,032**	**97,449,091**	**4,359,003**	**205,935,217**	**396,415,201**
7. Butter and cheese:						
Under 5 employees	1,185	2,706	3,028,901	824,624	66,095,445	72,693,844
5 to 14 employees	424	3,353	5,237,005	1,212,037	71,753,097	83,996,669
15 to 49 "	172	4,218	7,276,838	1,383,559	54,693,195	69,649,113
50 to 99 "	39	2,694	5,271,761	656,199	20,880,185	30,504,709
100 to 199 "	22	2,880	5,811,344	702,953	20,381,132	30,792,137
200 to 499 "	16	4,286	9,311,775	792,233	27,283,528	44,027,366
500 and over	4	2,342	5,674,613	428,495	13,212,125	23,340,193
Totals	**1,862**	**22,479**	**41,612,537**	**6,000,090**	**274,298,757**	**355,004,031**
8. Primary iron and steel:						
Under 200 employees	27	2,054	5,026,103	709,080	11,292,578	22,454,325
200 and over	28	27,031	77,885,746	21,643,885	135,936,813	283,280,659
Head offices[1]	—	12	46,380	—	—	—
Totals	**55**	**29,097**	**82,958,229**	**22,352,965**	**147,229,391**	**305,734,984**
9. Railroad and rolling stock:						
Under 5 employees	2					
5 to 14 employees	2	21	40,109	4,489	421,920	528,241
15 to 49 "	5	131	339,316	34,423	1,375,961	3,104,442
50 to 99 "	2					
100 to 199 "	4	813	1,790,239	168,743	2,465,593	5,419,153
200 to 499 "	3	1,847	4,560,265	204,598	4,557,569	10,237,959
500 and over	18	29,598	75,405,230	4,059,195	124,232,817	227,464,231
Totals	**39**	**32,410**	**82,135,159**	**4,471,448**	**133,053,860**	**246,754,026**
10. Flour mills:						
Under 5 employees	44	111	180,743	41,409	2,087,203	2,485,564
5 to 14 employees	47	394	851,300	143,024	14,187,945	15,975,269
15 to 49 "	18	487	1,065,077	139,102	20,255,653	24,076,964
50 to 99 "	9	567	1,551,438	276,332	24,826,390	28,790,901
100 to 199 "	6	730	1,732,800	260,763	38,597,153	44,709,060
200 to 499 "	9	2,516	6,329,924	665,508	115,450,520	129,235,444
Head offices[1]	—	73	253,615	—	—	—
Totals	**133**	**5,033**	**11,965,400**	**1,526,578**	**215,404,869**	**245,274,202**
11. Clothing men's factory:						
Under 5 employees	112	268	568,302	5,265	3,063,272	5,623,964
5 to 14 employees	107	898	1,743,024	30,693	8,109,503	14,918,012
15 to 49 "	166	4,752	8,080,192	100,327	17,816,344	32,122,271
50 to 99 "	90	6,385	10,025,386	143,300	21,423,062	38,878,891
100 to 199 "	61	8,490	13,936,852	151,195	26,356,985	50,513,076
200 to 499 "	26	6,220	10,214,974	127,603	21,859,770	38,305,407
500 and over	9	8,103	11,798,377	111,146	20,856,423	40,239,638
Head offices[1]	—	182	975,576	—	—	—
Totals	**565**	**33,298**	**57,343,483**	**669,529**	**121,485,389**	**220,701,259**

1. Under this heading are included only those head offices which are not located at the plant.

TABLE 45. Principal Statistics of the Twenty-Five Leading Manufacturing Industries, Grouped According to Number of Employees per Establishment, 1949—Continued

Group and industry	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
12. Cotton yarn and cloth:						
Under 5 employees	1					
5 to 14 employees	6	56	90,170	7,236	136,787	313,684
15 to 49 "	8					
50 to 99 "	2	427	722,953	60,502	2,088,116	3,309,839
100 to 199 "	6	875	1,677,753	108,583	3,965,883	7,012,620
200 to 499 "	13	3,997	7,836,099	530,070	21,852,558	36,041,411
500 and over	17	19,186	36,873,226	2,919,814	96,591,935	164,701,963
Head offices[1]	—	637	2,163,495	—	—	—
Totals	**53**	**25,178**	**49,363,696**	**3,626,212**	**124,685,279**	**211,384,517**
13. Bread and other bakery products:						
Under 5 employees	1,537	3,639	4,530,158	956,310	8,949,597	17,587,248
5 to 14 employees	864	6,652	9,750,220	1,266,909	17,711,940	33,555,277
15 to 49 "	233	5,942	10,413,114	1,221,293	19,891,947	38,256,644
50 to 99 "	44	3,246	6,737,491	646,005	13,442,692	25,726,837
100 to 199 "	32	4,729	9,642,976	961,677	18,120,057	35,906,287
200 to 499 "	15	4,426	9,274,209	839,260	15,482,164	32,023,882
500 and over	5	3,109	6,594,824	566,291	8,955,014	20,664,961
Head offices[1]	—	20	59,753	—	—	—
Totals	**2,730**	**31,763**	**57,552,745**	**6,447,585**	**102,555,311**	**203,720,116**
14. Clothing, women's factory:						
Under 5 employees	68	167	291,224	4,493	1,698,396	3,047,615
5 to 14 employees	240	2,327	4,235,935	49,545	8,680,526	16,982,882
15 to 49 "	421	11,359	22,351,652	131,718	40,279,886	78,470,252
50 to 99 "	111	7,443	14,413,381	109,591	26,112,989	51,273,673
100 to 199 "	42	5,549	9,726,455	92,563	19,649,026	37,227,103
200 to 499 "	8	2,279	4,405,245	26,745	8,735,070	15,311,033
Totals	**890**	**29,129**	**55,424,392**	**464,655**	**105,156,893**	**202,412,558**
15. Rubber goods:						
Under 5 employees	5	10	15,856	707	6,425	33,917
5 to 14 employees	13	99	194,577	12,278	119,328	389,196
15 to 49 "	11	295	606,190	39,523	1,840,820	3,211,460
50 to 99 "	6	409	773,939	132,896	1,244,549	2,979,985
100 to 199 "	6	790	1,506,655	120,993	1,782,104	4,258,120
200 to 499 "	8	2,615	5,532,755	448,859	6,848,351	15,052,034
500 and over	13	16,474	39,416,341	2,147,072	62,053,641	149,578,837
Head offices[1]	—	37	125,894	—	—	—
Totals	**62**	**20,729**	**48,172,207**	**2,902,328**	**73,895,718**	**178,503,559**
16. Agricultural implements:						
Under 5 employees	19	54	66,649	5,851	92,322	241,889
5 to 14 employees	18	156	303,978	12,607	321,684	767,628
15 to 49 "	19	534	932,923	46,634	1,124,986	2,827,141
50 to 99 "	10	685	1,298,300	67,961	1,776,795	4,231,350
100 to 199 "	3	456	1,106,070	45,109	4,309,119	7,438,198
200 to 499 "	4	1,229	2,639,010	101,424	2,905,407	6,689,836
500 and over	6	13,469	37,776,947	1,813,059	84,654,513	154,774,241
Head offices[1]	—	5	45,712	—	—	—
Totals	**79**	**16,588**	**44,219,589**	**2,092,645**	**95,685,026**	**176,970,283**
17. Motor vehicles parts:						
Under 5 employees	19	53	94,323	4,918	133,533	422,783
5 to 14 employees	37	338	709,697	36,081	1,982,516	3,491,709
15 to 49 "	44	1,148	2,399,531	110,411	2,951,769	6,851,033
50 to 99 "	17	1,104	2,518,952	83,542	3,318,902	8,460,330
100 to 199 "	12	1,748	4,379,766	226,533	9,890,794	20,566,906
200 to 499 "	12	3,783	9,863,645	376,042	16,019,693	33,537,153
500 and over	9	9,724	25,696,688	1,517,270	53,743,484	98,260,148
Totals	**150**	**17,898**	**45,662,602**	**2,354,797**	**88,040,691**	**171,590,042**
18. Printing and publishing:						
Under 5 employees	312	783	1,120,302	99,923	460,218	2,300,431
5 to 14 employees	256	2,072	3,521,858	160,669	1,241,753	6,929,824
15 to 49 "	119	3,230	6,199,944	178,057	2,826,033	12,904,707
50 to 99 "	42	3,008	7,005,123	181,365	3,264,899	16,840,146
100 to 199 "	28	3,640	9,286,281	199,820	6,726,926	24,430,310
200 to 499 "	17	5,128	12,165,715	265,986	10,284,654	36,629,992
500 and over	10	8,376	24,199,498	479,405	24,073,416	69,233,069
Head offices[1]	—	35	51,521	—	—	—
Totals	**784**	**26,272**	**63,550,242**	**1,565,225**	**48,877,899**	**169,268,479**

1. Under this heading are included only those head offices which are not located at the plant.

TABLE 45. Principal Statistics of the Twenty-Five Leading Manufacturing Industries, Grouped According to Number of Employees per Establishment, 1949—Concluded

Group and industry	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
19. Miscellaneous electrical products:						
Under 5 employees	20	67	38,351	5,156	208,478	472,868
5 to 14 employees	36	311	626,572	22,493	878,395	1,999,768
15 to 49 "	43	1,236	2,614,967	109,340	5,793,817	11,574,868
50 to 99 "	18	1,308	2,540,844	95,594	4,521,854	10,224,041
100 to 199 "	7	894	1,800,451	68,125	3,220,368	7,435,523
200 to 499 "	9	2,665	6,016,995	272,273	11,130,854	28,363,363
500 and over	6	13,105	33,252,186	1,017,519	39,719,343	100,887,599
Head offices[1]	—	10	20,339	—	—	—
Totals	**145**	**19,596**	**46,967,735**	**1,593,540**	**65,469,109**	**161,008,162**
20. Foods, miscellaneous:						
Under 5 employees	95	247	352,004	28,839	2,019,700	2,762,094
5 to 14 employees	89	748	1,187,165	77,416	6,384,444	9,435,523
15 to 49 "	75	1,967	3,651,926	283,707	28,829,215	38,948,799
50 to 99 "	22	1,365	2,432,378	182,179	22,319,612	30,371,097
100 to 199 "	15	2,465	5,063,854	298,065	55,164,731	77,437,031
200 to 499 "	1	—	186	631,964	—	—
Head offices[1]	—					
Totals	**297**	**6,978**	**13,319,291**	**870,206**	**114,717,702**	**158,974,544**
21. Machinery, heavy electrical:						
Under 5 employees	1	50	79,807	3,391	115,433	237,538
5 to 14 employees	5	342	722,991	24,702	850,460	2,365,533
15 to 49 "	9	553	1,193,867	24,713	1,753,711	4,026,153
50 to 99 "	8	1,248	3,185,097	53,572	4,471,743	11,141,701
100 to 199 "	9	2,479	6,544,811	107,203	8,361,642	20,245,308
200 to 499 "	8	14,818	39,796,117	1,414,298	48,202,031	120,113,808
500 and over	6					
Totals	**46**	**19,490**	**51,522,690**	**1,627,879**	**63,755,040**	**158,150,426**
22. Furniture:						
Under 5 employees	434	1,135	1,609,915	90,331	1,930,169	4,370,209
5 to 14 employees	319	2,648	4,782,261	160,837	6,355,151	13,490,956
15 to 49 "	244	6,537	12,585,231	380,036	18,215,305	38,125,806
50 to 99 "	72	5,097	10,189,636	346,281	11,600,653	27,266,396
100 to 199 "	51	6,784	14,175,601	431,338	19,735,307	43,932,240
200 to 499 "	15	4,730	10,248,539	276,407	12,300,943	29,935,923
500 and over	1					
Totals	**1,187**	**26,931**	**53,591,185**	**1,685,232**	**70,147,728**	**157,122,632**
23. Sheet metal products:						
Under 5 employees	52	136	235,085	14,719	264,539	727,503
5 to 14 employees	85	741	1,407,817	54,905	2,200,191	4,732,240
15 to 49 "	73	1,979	4,284,209	173,755	7,147,324	15,284,632
50 to 99 "	26	1,848	4,349,286	192,443	8,774,196	18,942,950
100 to 199 "	14	1,734	3,765,290	210,721	5,600,200	13,341,910
200 to 499 "	20	6,121	15,682,498	682,280	39,749,569	67,295,616
500 and over	5	3,855	9,580,680	479,563	21,074,670	36,393,138
Totals	**275**	**16,414**	**39,304,865**	**1,808,386**	**84,810,689**	**156,717,444**
24. Feeds, stock and poultry:						
Under 5 employees	225	627	1,053,476	201,971	13,801,203	16,070,352
5 to 14 employees	180	1,404	2,642,624	427,369	29,796,479	35,192,687
15 to 49 "	61	1,445	3,001,351	380,959	39,601,258	47,323,476
50 to 99 "	16	1,180	2,614,032	404,577	32,554,905	41,358,372
100 to 199 "	2	474	1,025,569	48,431	9,891,795	11,524,973
200 to 499 "	1					
Head offices[1]	—	226	552,485	—	—	—
Totals	**485**	**5,356**	**10,889,537**	**1,463,307**	**125,645,640**	**151,470,360**
25. Fruit and vegetable preparations:						
Under 5 employees	113	302	271,053	33,204	838,474	1,366,603
5 to 14 employees	145	1,275	1,343,681	149,066	5,392,694	8,065,104
15 to 49 "	133	3,522	4,805,415	473,027	17,642,639	28,779,223
50 to 99 "	52	3,558	5,460,921	535,808	21,299,250	34,529,245
100 to 199 "	26	3,665	6,284,438	498,376	22,456,468	37,001,027
200 to 499 "	2	2,417	4,959,382	464,515	21,872,512	39,018,122
500 and over	2					
Head offices[1]	—	253	738,931	—	—	—
Totals	**473**	**14,992**	**23,863,821**	**2,153,996**	**89,502,037**	**148,762,324**

1. Under this heading are included only those head offices which are not located at the plant.

Subsection 5. Power and fuel

Cost of Fuel and Electricity. Fuel is used quite generally throughout the industrial field for the generation of power by means of steam and internal combustion engines. It is also used for the heating of plants, and for providing the heat necessary to some manufacturing processes. The most important industries where heat is applied to the materials to facilitate or accomplish the desired transformation are foundries and machine shops, brick, tile, lime, and cement-making, petroleum refining, the glass industry, distilleries, food preparation, rubber goods, etc. Fuel used for such heating purposes, as well as for power, is included in the figures of Table 46. In addition to the electricity used for ordinary power purposes, the figures include also the electricity used for heating boilers in the pulp and paper industry. Consumption of surplus energy in electric boilers increased rapidly during the years preceding the Second World War.

The figures of the table do not include coke charged to iron-blast furnaces or foundry cupolas. Neither do they include fuels that constitute the raw materials to be transformed as coal in the coke and gas industries and crude petroleum in the refining industry.

The value of fuel consumed increased 266 p.c. from 1939 to 1949. Part of the increase was due to an increase in the quantity used and part to the rise in the unit cost of fuels of all kinds. The cost of electricity purchased, on the other hand, has increased during the same period by 92 p.c. The groups of industries in which fuel was most extensively used in 1949 were: paper products, food and beverages, iron and steel products of petroleum and coal, non-ferrous metal products, non-metallic mineral products and chemicals and allied products.

Of the total cost of purchased fuel and electricity for Canada as whole in 1949, 68.3 p.c. was for fuel and 31.7 p.c. for electricity. Newfoundland with 96.0 p.c. of the total was the largest user of fuel, while Quebec with 55.9 p.c. was the smallest. Provinces lacking in water power resources naturally have to rely on fuel for power and for this reason the percentage that fuel is to the total is much higher than in Provinces such as Quebec where there is an abundant supply of water for power purposes. In the Provinces of Prince Edward Island, Nova Scotia, New Brunswick, Saskatchewan, and Alberta, primary power produced from fuels is an important factor in power utilization.

Power Consumption. Power equipment installed in manufacturing establishments is a very good barometer of the industrial development of Canada, inasmuch as production is increasingly dependent on power equipment. Increases and decreases in productive capacity, measured in horse-power, are not the result of temporary fluctuations in costs and values in the same manner as capital investments, values of products, etc. Of course, power equipment installed is not a measure of the actual utilization of power for there is generally an excess over actual requirements, i.e., over power equipment in operation. Producers must have an installed operating margin in excess of normal requirements to provide for booming business conditions or breakdown of part of the plant; in times of depression this margin increases. During short periods of expanded production, the number of horse-power per wage-earner tends to decrease in view of the fact power equipment is not immediately increased, the expanded production being secured through overtime work or an increase in the number of shifts worked.

Of the total increase in power equipment employed in manufacturing industries between 1939 and 1948, 65 p.c. was in electric motors operated by power purchased from central electric stations. However, some sections of Canada are not well provided with water power and in such sections primary power derived from steam engines or turbines, and internal combustion engines—which include all gasoline engines, gas engines (natural, coal, and producer gas), and compression-ignition engines—also has increased rapidly during the period covered. During the period 1939-1948 there was an increase of 57 p.c. in the capacity of water wheels, 30 p.c. in the capacity of steam engines, 55 p.c. in the capacity of electric motors, while internal combustion engines quadrupled during the same period. The collection of statistics on power equipment was discontinued in 1949 and will in future be collected only periodically.

Power consumed by the manufacturing industries, purchased power as well as power generated for own use, totalled 31 billion K.W.H. in 1949, and increase of 59 p.c. as compared with 1939. Of the total consumed Quebec used 53.6 p.c., Ontario 28.3 p.c., British Columbia 8.1 p.c., Newfoundland 2.8 p.c., New Brunswick 2.3 p.c. and Manitoba 2.0 p.c.

The paper products group with 38.2 p.c. of the total was the largest user of electric power. This group was also the largest user of purchased fuel. The non-ferrous metal products group was the second largest user of power with 30.0 p.c., followed by chemicals and allied products with 10.0 p.c., iron and steel products 7.7. p.c., non-metallic mineral products 3.9 p.c. etc.

Table 46 gives details of purchased fuel and electricity as well as power consumption by industrial groups and provinces.

TABLE 46. Value of Fuel and Electricity Used by the Manufacturing Industries of Canada, 1939-48 with Details by Provinces and Industrial Groups, 1949

Note: Includes fuel and electricity used in smelters for metallurgical purposes.

Year, Province or Group	Value of purchased fuel	Value of purchased electricity	Total	Consumption of electric power		
				Purchased	Generated for own use	Total
	$	$	$	1000 K.W.H.	1000 K.W.H.	1000 K.W.H.
1939	57,063,131	50,509,121	107,572,252	17,072,764	2,357,669	19,430,433
1940	78,550,913	58,429,262	136,980,175	17,954,995	2,640,918	20,595,913
1941	102,886,816	71,754,501	174,641,317	20,289,238	2,840,841	23,130,079
1942	121,512,643	85,205,846	206,718,489	23,650,840	3,345,443	26,996,283
1943	134,004,345	91,950,030	225,954,375	26,399,730	3,211,610	29,611,340
1944	137,883,770	87,699,383	225,583,153	25,777,238	2,752,124	28,529,362
1945	128,384,255	83,999,865	212,384,120	23,986,993	2,362,260	26,349,253
1946	127,179,620	83,273,105	210,452,725	25,250,876	2,714,261	27,965,137
1947	163,813,503	90,876,176	254,689,679	26,728,239	3,467,535	30,195,774
1948	209,063,839	94,475,355	303,539,194	24,907,413	4,590,676	29,498,089

TABLE 46. Value of Fuel and Electricity Used by the Manufacturing Industries of Canada, 1939-48 with Details by Provinces and Industrial Groups, 1949 — Concluded

Note: Includes fuel and electricity used in smelters for metallurgical purposes.

Year, Province or Group	Value of purchased fuel	Value of purchased electricity	Total	Consumption of electric power		
				Purchased	Generated for own use	Total
	$	$	$	1000 K.W.H.	1000 K.W.H.	1000 K.W.H.
Province						
Newfoundland	2,993,206	124,127	3,117,333	4,206	880,242	884,448
Prince Edward Island	178,890	68,846	247,736	2,660	—	2,660
Nova Scotia	7,604,482	1,851,710	9,456,192	230,545	136,648	367,193
New Brunswick	6,401,503	2,113,060	8,514,563	414,281	287,795	702,076
Quebec	60,984,468	48,089,344	109,073,812	15,777,013	818,530	16,595,543
Ontario	104,837,489	33,958,414	138,795,903	6,951,079	1,798,925	8,750,004
Manitoba	5,583,086	2,661,833	8,244,919	619,440	6,834	626,274
Saskatchewan	2,782,365	1,254,053	4,036,418	220,374	440	220,814
Alberta	3,751,328	2,198,437	5,949,765	291,482	7,611	299,093
British Columbia	13,534,714	4,695,697	18,230,411	556,742	1,960,790	2,517,532
Yukon and Northwest Territories	125,040	3,710	128,750	33	575	608
Canada	**208,776,571**	**97,019,231**	**305,795,802**	**25,067,855**	**5,898,390**	**30,966,245**
Industrial Group						
Foods and beverages	30,568,411	8,749,733	39,318,144	770,003	55,220	825,223
Tobacco and tobacco products	353,030	180,761	533,791	14,084	—	14,084
Rubber products	1,692,809	1,209,519	2,902,328	181,814	10,713	192,527
Leather products	1,139,006	638,022	1,777,028	41,843	—	41,843
Textile products (except clothing)	7,221,869	4,315,944	11,537,813	519,001	86,190	605,191
Clothing (textile and fur)	2,021,180	1,607,587	3,628,767	85,216	1,286	86,502
Wood products	5,652,940	4,136,483	9,789,423	262,334	45,779	308,113
Paper products	43,025,195	23,445,994	66,471,189	8,039,035	3,778,110	11,817,145
Printing, publishing and allied trades	1,554,207	1,506,920	3,061,127	93,338	—	93,338
Iron and steel products	26,919,265	11,792,955	38,712,220	2,251,185	125,792	2,376,977
Transportation equipment	9,103,831	3,514,006	12,617,837	396,110	88,818	484,928
Non-ferrous metal products	21,159,637	19,540,132	40,699,769	8,720,915	564,240	9,285,155
Electrical apparatus and supplies	2,668,408	1,815,551	4,483,959	204,117	15,920	220,037
Non-metallic mineral products	19,122,856	5,061,263	24,184,119	1,187,455	13,757	1,201,212
Products of petroleum and coal	23,407,949	1,467,552	24,875,501	209,866	9,510	219,376
Chemicals and allied products	12,190,298	7,027,421	19,217,719	1,992,429	1,099,971	3,092,400
Miscellaneous industries	975,680	1,009,388	1,985,068	99,110	3,084	102,194

PART II. PROVINCIAL AND LOCAL DISTRIBUTION OF MANUFACTURING PRODUCTION

Section 1. Type and Concentration of Manufacturing Production

This part of the Report is introduced by a general analysis of the concentration of the manufacturing industries in the provinces. In the sections that follow, the principal features of the manufactures of each province are brought out and finally the distribution of manufacturing throughout the principal cities and towns of Canada is shown.

Ontario and Quebec are by far the most important manufacturing provinces of Canada. Their combined production in 1948 amounted to $9,342,446,884 or 79 p.c. of the total gross value of manufactured products. The proximity of Ontario to the coalfields of Pennsylvania, the water power and other varied resources of the provinces, and their nearness to the larger markets of Canada and the United States have all contributed to this progress.

Table 1 shows the outstanding predominance of Ontario and Quebec in each industrial group. Quebec leads in the manufacture of tobacco and tobacco products, textiles (except clothing), clothing (textile and fur), and paper products. In each of the other groups Ontario has the greater production. In the production of wood products British Columbia with 34 p.c. of the total holds the dominant position, outranking both Ontario and Quebec which account respectively for 28 and 23 p.c. of the total. In each of the other groups Ontario and Quebec lead by a wide margin.

TABLE 1. Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1949

Province and Group	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
	No.	No.	$	$	$	$
Canada						
Food and beverages[1]	8,558	170,024	332,536,319	2,009,246,062	834,017,547	2,882,581,753
Tobacco and tobacco products	72	10,636	21,896,378	113,357,196	58,529,226	172,420,213
Rubber products	62	20,729	48,172,207	73,895,718	101,705,513	178,503,559
Leather products	747	34,900	59,699,886	117,869,462	91,157,684	210,804,174
Textile products (except clothing)	847	77,773	156,166,554	339,644,950	285,641,367	636,824,130
Clothing (textile and fur)	3,058	117,752	206,512,782	371,128,833	352,741,236	727,498,836
Wood products	11,191	121,632	224,902,644	436,637,453	393,928,758	840,355,634
Paper products	524	76,471	208,348,621	494,300,501	532,238,636	1,093,060,326
Printing, publishing and allied industries	3,866	61,834	141,489,984	124,684,351	250,162,704	377,908,182
Iron and steel products	2,347	163,622	413,227,553	619,499,256	760,934,249	1,419,145,725
Transportation equipment	596	104,750	270,852,111	584,064,330	466,529,164	1,063,211,331
Non-ferrous metal products	532	44,698	114,591,106	537,218,214	289,125,045	867,043,028
Electrical apparatus and supplies	365	55,916	137,278,521	212,460,413	269,341,983	486,286,355
Non-metallic mineral products	1,020	28,139	64,594,354	78,401,065	143,872,615	246,457,799
Products of petroleum and coal	77	14,552	39,783,500	391,036,128	117,819,090	533,730,719
Chemicals and allied products	1,037	41,328	100,690,662	280,008,945	288,171,551	587,398,215
Miscellaneous manufacturing industries	893	26,401	51,147,475	59,778,187	94,600,066	156,363,321
Totals	**35,792**	**1,171,207**	**2,591,890,657**	**6,843,231,064**	**5,330,566,434**	**12,479,593,300**
Newfoundland						
Food and beverages[1]	31	929	1,587,495	5,483,199	4,070,560	9,774,601
Tobacco and tobacco products	2	2	2	2	2	2
Rubber products	—	—	—	—	—	—
Leather products	2	2	2	2	2	2
Textile products (except clothing)	5	99	154,232	546,378	313,760	879,803
Clothing (textile and fur)	7	415	399,554	693,952	471,758	1,177,879
Wood products	681	1,474	1,135,168	2,359,051	2,066,774	4,513,578
Paper products	3	3,065	10,490,747	20,005,335	23,211,934	45,839,080
Printing, publishing and allied industries	30	399	801,006	350,646	1,294,209	1,674,414
Iron and steel products	5	77	143,490	95,256	189,369	291,566
Transportation equipment	5	41	68,496	65,770	53,781	122,582
Non-ferrous metal products	—	—	—	—	—	—
Electrical apparatus and supplies	—	—	—	—	—	—
Non-metallic mineral products	11	107	162,672	231,599	309,974	574,737
Products of petroleum and coal	2	2	2	2	2	2
Chemicals and allied products	8	95	186,636	627,873	313,132	953,020
Miscellaneous manufacturing industries	3	48	60,952	51,968	44,947	97,182
All other groups[3]	4	185	295,888	717,146	578,638	1,365,840
Totals	**793**	**6,934**	**15,486,336**	**31,228,173**	**32,918,776**	**67,264,282**
Prince Edward Island						
Food and beverages	126	1,060	1,236,906	10,380,676	2,477,693	13,044,094
Tobacco and tobacco products	2	2	2	2	2	2
Rubber products	—	—	—	—	—	—
Leather products	2	2	2	2	2	2
Textile products (except clothing)	2	2	2	2	2	2
Clothing (textile and fur)	2	2	2	2	2	2
Wood products	95	256	211,715	518,322	428,094	963,272
Paper products	—	—	—	—	—	—
Printing, publishing and allied products	10	161	265,734	123,207	397,467	531,274
Iron and steel products	6	118	181,243	203,914	216,216	438,010
Transportation equipment	4	6	2,400	2,585	2,858	5,980
Non-ferrous metal products	—	—	—	—	—	—
Electrical apparatus and supplies	—	—	—	—	—	—
Non metallic mineral products	2	2	2	2	2	2
Products of petroleum and coal	—	—	—	—	—	—
Chemicals and allied products	2	2	2	2	2	2
Miscellaneous manufacturing industries	—	—	—	—	—	—
All other groups	10	146	235,507	2,308,440	815,992	3,140,570
Totals	**251**	**1,747**	**2,133,555**	**13,537,144**	**4,338,320**	**18,123,200**
Nova Scotia						
Food and beverages	404	7,620	10,752,486	41,160,557	26,040,284	68,453,689
Tobacco and tobacco products	—	—	—	—	—	—
Rubber products	—	—	—	—	—	—
Leather products	6	105	137,142	229,370	254,502	487,227
Textile products (except clothing)	10	667	1,201,014	2,975,645	2,396,100	5,509,288
Clothing (textile and fur)	15	1,551	2,067,946	4,347,399	3,596,134	8,077,558
Wood products	742	4,550	5,538,173	12,793,647	10,028,295	23,158,567
Paper products	7	1,187	3,079,082	5,242,610	7,648,191	14,193,958
Printing, publishing and allied industries	116	1,329	2,366,026	1,814,509	4,503,126	6,399,265
Iron and steel products	52	6,575	16,429,528	23,114,779	22,304,017	48,452,593
Transportation equipment	77	3,698	8,123,148	13,304,041	12,845,950	26,667,492
Non-ferrous metal products	—	—	—	—	—	—
Electrical apparatus and supplies	5	5	5	5	5	5
Non-metallic mineral products	25	605	1,113,225	751,192	2,212,825	3,414,368
Products of petroleum and coal	3	1,023	3,034,511	27,038,300	7,949,780	37,049,404
Chemicals and allied products	15	313	693,564	3,008,694	2,363,514	5,502,082
Miscellaneous manufacturing industries[6]	8	88	150,732	61,156	151,580	226,898
Totals	**1,480**	**29,311**	**54,686,577**	**135,841,899**	**102,294,298**	**247,592,389**

TABLE 1. Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1949 — Continued

Province and Group	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
	No.	No.	$	$	$	$
New Brunswick						
Food and beverages	330	6,821	9,730,471	64,450,718	23,546,782	89,641,122
Tobacco and tobacco products	—	—	—	—	—	—
Rubber products	—	—	—	—	—	—
Leather products	11	320	468,622	1,029,309	870,744	1,916,069
Textile products (except clothing)	13	1,709	3,448,759	5,281,981	5,119,271	10,643,167
Clothing (textile and fur)	6	277	373,030	569,820	582,999	1,176,951
Wood products	535	4,878	7,083,537	17,724,080	11,677,426	29,737,730
Paper products	13	3,569	10,305,617	27,036,167	28,669,520	60,791,031
Printing, publishing and allied industries	65	731	1,458,230	1,007,214	2,863,285	3,936,327
Iron and steel products	31	1,341	2,630,410	3,977,747	4,933,764	9,086,486
Transportation equipment	12	2,281	5,718,291	4,739,344	6,163,849	11,199,442
Non-ferrous metal products	5	5	5	5	5	5
Electrical apparatus and supplies	—	—	—	—	—	—
Non-metallic mineral products	24	433	792,907	1,097,958	2,021,907	3,564,408
Products of petroleum and coal	5	5	5	5	5	5
Chemicals and allied products	7	145	353,743	3,445,129	1,011,250	4,520,183
Miscellaneous manufacturing industries[7]	13	891	1,801,202	1,444,786	3,716,578	5,293,275
Totals	**1,060**	**23,446**	**44,219,819**	**131,804,253**	**91,187,375**	**231,506,191**
Quebec						
Food and beverages	2,766	41,305	77,768,234	489,374,625	204,840,084	704,637,909
Tobacco and tobacco products	44	8,721	18,087,275	58,170,678	50,280,659	108,814,975
Rubber products	24	6,130	12,943,676	13,819,655	18,570,906	33,058,841
Leather products	390	18,509	29,035,375	50,071,138	43,817,637	94,456,056
Textile products (except clothing)	389	43,761	86,710,721	181,760,370	159,995,551	348,491,556
Clothing (textile and fur)	1,719	65,262	111,664,749	203,954,022	200,067,810	410,747,691
Wood products	3,256	32,184	51,653,676	104,364,200	66,425,725	193,120,347
Paper products	133	30,833	82,421,877	203,384,629	213,536,513	454,556,073
Printing, publishing and allied industries	1,020	16,231	37,327,057	33,731,460	67,174,172	101,634,243
Iron and steel products	523	35,541	82,866,039	104,037,123	156,064,609	266,236,243
Transportation equipment	108	27,271	69,183,380	102,037,206	98,203,364	203,662,323
Non-ferrous metal products	164	14,714	36,559,662	194,219,295	98,403,326	313,321,567
Electrical apparatus and supplies	74	15,341	38,272,660	46,573,067	69,933,425	117,548,820
Non-metallic mineral products	276	7,368	17,192,499	21,507,934	38,814,500	68,213,172
Products of petroleum and coal	12	3,061	8,348,618	121,951,765	29,467,305	160,354,569
Chemicals and allied products	334	15,514	36,348,346	76,966,471	86,098,853	167,323,336
Miscellaneous manufacturing industries	292	7,529	13,144,926	16,370,005	24,935,229	42,319,402
Totals	**11,579**	**390,275**	**809,579,270**	**2,027,793,643**	**1,651,629,668**	**3,788,497,123**
Ontario						
Food and beverages	3,238	70,062	141,362,604	804,423,139	360,567,091	1,131,233,232
Tobacco and tobacco products	22	1,814	3,580,369	54,563,641	7,702,622	62,425,547
Rubber products	31	14,556	35,143,042	60,046,190	83,025,528	145,296,510
Leather products	265	14,661	27,828,964	62,203,579	42,892,248	106,231,028
Textile products (except clothing)	358	29,729	61,529,964	135,795,758	112,180,199	252,196,403
Clothing (textile and fur)	1,030	41,252	76,997,764	124,932,351	122,733,319	249,185,397
Wood products	2,707	35,472	67,370,664	117,185,554	113,808,715	233,648,357
Paper products	255	30,299	81,151,360	192,385,092	192,064,749	405,105,627
Printing, publishing and allied industries	1,566	31,062	72,952,010	67,685,469	127,893,729	197,122,340
Iron and steel products	1,201	106,085	278,192,714	442,013,700	518,611,245	987,900,466
Transportation equipment	237	59,069	157,903,127	431,586,319	313,002,034	751,775,755
Non-ferrous metal products	300	24,384	62,666,953	223,182,968	165,629,654	404,637,350
Electrical apparatus and supplies	246	38,905	96,640,038	161,768,924	194,192,995	359,303,073
Non-metallic mineral products	479	14,661	35,396,660	43,183,045	78,732,632	133,264,802
Products of petroleum and coal	31	7,272	19,385,945	136,694,019	55,371,633	201,371,342
Chemicals and allied products	530	21,153	52,650,741	158,607,175	156,364,525	330,495,870
Miscellaneous manufacturing industries	455	16,734	33,790,865	39,637,995	61,776,095	102,606,735
Totals	**12,951**	**557,190**	**1,305,544,434**	**3,256,454,918**	**2,708,554,013**	**6,103,804,834**
Manitoba						
Food and beverages	368	10,626	22,799,729	170,262,196	51,163,022	223,914,254
Tobacco and tobacco products	—	—	—	—	—	—
Rubber products	5	5	5	5	5	5
Leather products	33	661	1,091,116	2,516,030	1,612,087	4,157,636
Textile products (except clothing)	22	779	1,261,076	5,782,362	1,936,040	7,737,042
Clothing (textile and fur)	171	6,333	10,904,059	23,541,076	17,609,981	41,301,409
Wood products	321	3,203	5,756,336	11,219,355	10,387,698	21,869,433
Paper products	20	1,345	3,096,632	9,036,170	11,535,775	21,499,529
Printing, publishing and allied industries	266	3,332	7,945,326	7,172,799	15,038,514	22,408,017
Iron and steel products	119	4,774	10,673,633	14,257,306	19,409,416	34,585,128
Transportation equipment	23	6,662	14,947,279	20,903,997	17,112,707	38,668,067
Non-ferrous metal products	20	469	1,153,516	13,477,877	2,968,843	16,839,502
Electrical apparatus and supplies	17	634	1,167,992	2,684,977	3,197,303	5,947,095
Non-metallic mineral products	47	892	1,992,108	2,612,387	5,291,166	9,356,732
Products of petroleum and coal	4	436	896,890	7,611,362	2,476,044	10,496,778
Chemicals and allied products	43	763	1,530,349	7,297,881	5,622,564	13,244,323
Miscellaneous manufacturing industries[8]	46	472	871,037	724,143	1,771,535	2,566,967
Totals	**1,520**	**41,956**	**86,088,380**	**299,101,498**	**167,335,495**	**474,681,912**

TABLE 1. Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1949 — Concluded

Province and Group	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
	No.	No.	$	$	$	$
Saskatchewan						
Food and beverages	241	5,299	11,169,917	92,880,011	28,468,953	122,775,778
Tobacco and tobacco products	—	—	—	—	—	—
Rubber products	—	—	—	—	—	—
Leather products	[5]	[5]	[5]	[5]	[5]	[5]
Textile products (except clothing)	5	119	229,009	1,022,420	341,842	1,377,637
Clothing (textile and fur)	14	185	314,607	735,279	554,092	1,294,863
Wood products	396	1,505	2,113,553	4,248,549	4,226,574	8,621,459
Paper products	3	17	39,515	39,440	79,950	120,600
Printing, publishing and allied industries	190	1,409	2,876,773	1,870,034	4,524,703	6,496,472
Iron and steel products	48	703	1,337,912	2,344,591	2,124,614	4,550,760
Transportation equipment	6	28	68,660	31,443	108,761	195,515
Non-ferrous metal products	[5]	[5]	[5]	[5]	[5]	[5]
Electrical apparatus and supplies	—	—	—	—	—	—
Non-metallic mineral products	29	376	781,263	667,992	1,690,146	2,493,155
Products of petroleum and coal	7	552	1,514,829	30,632,361	2,234,070	34,258,225
Chemicals and allied products	11	220	577,946	4,115,150	1,410,748	5,574,378
Miscellaneous manufacturing industries[9]	12	428	1,249,953	25,712,046	1,542,496	27,983,316
Totals	**962**	**10,841**	**22,273,942**	**164,349,341**	**47,356,949**	**215,742,708**
Alberta						
Food and beverages	413	9,672	20,389,415	160,075,453	50,989,990	212,814,096
Tobacco and tobacco products	—	—	—	—	—	—
Rubber products	[5]	[5]	[5]	[5]	[5]	[5]
Leather products	11	58	87,630	110,624	94,701	207,702
Textile products (except clothing)	12	163	260,572	1,543,860	423,107	1,978,737
Clothing (textile and fur)	30	944	1,352,564	3,260,849	2,860,054	6,139,307
Wood products	749	5,351	8,562,683	21,132,853	15,208,345	36,958,841
Paper products	4	125	254,607	1,189,524	721,197	1,918,721
Printing, publishing and allied industries	236	1,990	4,425,677	3,037,784	8,503,518	11,637,919
Iron and steel products	100	2,164	4,777,353	5,430,232	8,224,418	13,873,026
Transportation equipment	20	2,352	5,794,925	6,179,695	6,117,212	12,494,604
Non-ferrous metal products	5	60	137,966	610,877	283,925	901,792
Electrical apparatus and supplies	3	11	15,681	14,707	24,033	40,400
Non-metallic mineral products	58	1,873	4,020,701	4,704,110	8,908,096	14,756,576
Products of petroleum and coal	8	923	2,618,791	40,372,763	6,645,033	48,210,148
Chemicals and allied products	20	599	1,592,201	3,452,467	5,153,128	9,318,559
Miscellaneous manufacturing industries[10]	16	140	324,788	198,261	524,489	742,692
Totals	**1,685**	**26,425**	**55,115,554**	**251,364,059**	**114,681,296**	**371,995,120**
British Columbia						
Food and beverages	636	16,595	34,715,896	170,730,746	81,820,576	256,224,205
Tobacco and tobacco products	3	9	6,311	5,341	7,278	12,717
Rubber products	4	32	67,790	24,625	82,756	115,695
Leather products	26	531	944,474	1,623,837	1,539,254	3,189,863
Textile products (except clothing)	31	685	1,281,438	3,907,786	2,576,753	6,570,711
Clothing (textile and fur)	65	1,471	2,417,409	4,085,285	4,249,889	8,373,781
Wood products	1,702	32,717	75,399,242	144,944,072	139,515,573	287,455,282
Paper products	36	6,031	17,509,184	35,481,534	49,820,807	89,035,707
Printing, publishing and allied industries	365	4,630	11,048,418	7,886,367	17,929,070	26,028,918
Iron and steel products	257	6,244	15,945,231	23,969,528	28,856,581	53,731,447
Transportation equipment	104	3,342	9,042,405	5,163,925	12,913,648	18,419,571
Non-ferrous metal products	38	4,273	11,991,477	79,620,245	18,526,460	101,133,059
Electrical apparatus and supplies	24	471	1,090,267	1,388,572	1,955,911	3,376,502
Non-metallic mineral products	69	1,310	3,116,771	3,629,812	5,842,715	10,711,596
Products of petroleum and coal	9	1,178	3,197,788	26,197,986	13,213,284	40,868,660
Chemicals and allied products	67	2,479	6,678,369	21,252,614	27,269,368	48,859,931
Miscellaneous manufacturing industries	57	936	1,950,752	1,200,054	3,545,425	4,900,443
Totals	**3,493**	**82,934**	**196,403,722**	**531,112,329**	**409,665,348**	**959,008,088**
Yukon and N.W.T.						
Food and beverages	5	15	23,166	24,742	32,512	63,773
Wood products	7	42	77,392	147,270	155,539	308,768
All other groups[2]	6	91	258,510	471,795	416,845	1,004,912
Total	**18**	**148**	**359,068**	**643,807**	**604,896**	**1,377,453**

1. Exclusive of fish processing in Newfoundland.
2. Confidential. Included under all other groups.
3. Includes tobacco and tobacco products, leather products and products of petroleum and coal.
4. Includes tobacco products, leather products, textile products, clothing, non-metallic mineral products and chemicals and allied products.
5. Confidential. Included in miscellaneous manufacturing industries.
6. Includes electrical apparatus and supplies.
7. Includes non-ferrous metal products and products of petroleum and coal.
8. Includes rubber products.
9. Includes leather products and non-ferrous metal products.
10. Includes rubber products.
11. Includes: Printing, publishing and allied trades, non-ferrous metal products. Products of petroleum and coal and miscellaneous industries.

The degree of concentration of manufacturing production in large units is illustrated in Table 2. In Newfoundland 42.0 p.c. of all persons engaged in manufacturing were employed in establishments having 500 or more employees, as compared with 34.2 p.c. for Canada as a whole. Prior to the entry of Newfoundland into Confederation Ontario had the greatest concentration. In 1949 it ranked second with 37.3 p.c. of its employees concentrated in the largest units. Quebec ranked third with 36.7 p.c., followed by Nova Scotia with 31.2 p.c., New Brunswick 29.0 p.c., British Columbia 23.1 p.c. Manitoba 19.8 p.c. and Alberta 12.0 p.c. There were no plants in either Prince Edward Island or Saskatchewan with an employment of 500 or more persons.

TABLE 2. Concentration of Manufacturing Production in Each Province, 1949

Province	Number of establishments employing 500 or more persons	Percentage of total number of establishments in province	Provincial percentage of number of employees accounted for by these establishments
Newfoundland	2	0.3	42.0
Prince Edward Island	—	—	—
Nova Scotia	8	0.5	31.2
New Brunswick	8	0.8	29.0
Quebec	120	1.0	36.7
Ontario	174	1.3	37.3
Manitoba	6	0.4	19.8
Saskatchewan	—	—	—
Alberta	4	0.2	12.0
British Columbia	20	0.6	23.1
Yukon and Northwest Territories	—	—	—
Canada	**342**	**1.0**	**34.2**

TABLE 3. Principal Statistics of Manufacturing Industries of Each Province, Classified by Number of Employees per Establishment, 1949

Province and group	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Canada:						
Under 5 employees	16,636	34,865	40,402,611	4,890,186	196,602,483	282,278,680
5 to 14 employees	9,133	75,482	126,911,861	9,887,388	354,196,709	601,691,805
15 to 49 "	5,967	159,012	303,181,665	20,833,552	767,050,111	1,378,801,247
50 to 99 "	1,905	132,069	264,192,585	18,607,541	699,097,114	1,252,224,480
100 to 199 "	1,114	155,906	325,100,387	27,955,939	873,646,126	1,582,959,336
200 to 499 "	695	213,308	485,972,838	62,984,998	1,333,141,127	2,458,772,895
500 and over	342	391,455	1,010,806,798	160,627,419	2,619,497,394	4,922,864,857
Head offices [2]	—	9,110	34,321,912	8,779	—	—
Totals	**35,792**	**1,171,207**	**2,591,890,657**	**305,795,802**	**6,843,231,064**	**12,479,593,300**
Newfoundland: [1]						
Under 5 employees	684	1,068	578,819	65,456	957,826	2,139,939
5 to 14 employees	56	464	651,673	65,891	1,252,187	2,430,600
15 to 49 "	37	1,013	1,632,019	211,486	2,908,543	6,679,365
50 to 99 "	9	695	1,230,051	79,941	2,171,884	4,216,480
100 to 199 "	4					
200 to 499 "	1	3,689	11,388,314	2,694,559	23,937,733	51,797,898
500 and over	2					
Head offices [2]	—	5	5,460	—	—	—
Totals	**793**	**6,934**	**15,486,336**	**3,117,333**	**31,228,173**	**67,264,282**
Prince Edward Island:						
Under 5 employees	153	299	213,199	33,900	1,836,817	2,396,218
5 to 14 employees	68	545	578,621	72,019	3,121,038	4,284,896
15 to 49 "	28					
50 to 99 "	1	903	1,341,735	141,817	8,579,289	11,442,086
100 to 199 "	1					
Totals	**251**	**1,747**	**2,133,555**	**247,736**	**13,537,144**	**18,123,200**

1. The fish canning and curing industry was not collected from Newfoundland.
2. Under this heading are included only those head offices which are not located at the plant.

TABLE 3. Principal Statistics of Manufacturing Industries of Each Province, Classified by Number of Employees per Establishment, 1949 — Continued

Province and group	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	$	$	$	$	$
Nova Scotia:						
Under 5 employees	757	1,533	1,282,314	142,478	4,746,566	7,748,835
5 to 14 employees	442	3,677	4,550,999	396,062	13,231,448	23,111,017
15 to 49 "	188	4,821	7,206,915	866,334	20,388,768	36,086,585
50 to 99 "	56	3,995	6,957,545	955,222	17,212,662	32,387,139
100 to 199 "	17	2,303	4,206,172	466,063	6,254,458	14,339,219
200 to 499 "	12	3,837	7,768,610	1,385,281	18,651,285	39,461,545
500 and over	8	9,079	22,543,279	5,244,752	55,356,712	94,458,049
Head offices [1]	—	66	170,743	—	—	—
Totals	**1,480**	**29,311**	**54,686,577**	**9,456,192**	**135,841,899**	**247,592,389**
New Brunswick:						
Under 5 employees	533	1,123	1,008,443	115,768	3,756,113	5,655,321
5 to 14 employees	297	2,507	3,359,859	373,183	10,210,389	17,017,862
15 to 49 "	154	3,904	5,670,163	568,693	21,688,036	32,607,838
50 to 99 "	40	2,690	4,448,665	525,728	14,958,376	23,823,528
100 to 199 "	16	2,240	3,966,892	399,613	9,789,888	19,820,356
200 to 499 "	12	4,175	8,717,311	1,705,622	18,730,084	37,839,426
500 and over	8	6,628	16,458,802	4,825,956	52,671,367	94,741,860
Head offices [1]	—	179	589,684	—	—	—
Totals	**1,060**	**23,446**	**44,219,819**	**8,514,563**	**131,804,253**	**231,506,191**
Quebec:						
Under 5 employees	5,422	11,980	14,030,382	1,653,927	75,331,249	105,550,043
5 to 14 employees	2,831	23,448	37,095,439	2,624,503	106,585,101	180,504,576
15 to 49 "	2,034	54,803	97,128,772	5,481,074	221,214,050	408,939,832
50 to 99 "	599	41,242	74,646,794	4,401,975	179,589,766	330,412,715
100 to 199 "	366	51,310	98,325,465	8,023,162	249,672,353	455,576,186
200 to 499 "	207	64,391	135,963,249	23,486,652	384,673,121	725,350,533
500 and over	120	137,738	332,227,403	63,402,519	810,728,003	1,582,163,238
Head offices [1]	—	5,363	20,161,766	—	—	—
Totals	**11,579**	**390,275**	**809,579,270**	**109,073,812**	**2,027,793,643**	**3,788,497,123**
Ontario:						
Under 5 employees	5,237	10,912	13,969,027	1,868,659	83,871,144	114,298,280
5 to 14 employees	3,403	28,207	51,223,083	3,850,775	131,413,474	229,399,321
15 to 49 "	2,380	63,572	128,847,326	9,303,625	329,846,738	598,716,530
50 to 99 "	853	59,461	124,258,657	7,911,069	306,764,210	565,141,824
100 to 199 "	540	75,602	163,908,010	12,414,973	387,404,663	735,393,518
200 to 499 "	364	111,618	262,142,051	26,478,922	613,727,099	1,197,025,713
500 and over	174	205,230	551,209,816	76,967,880	1,403,427,590	2,663,829,648
Head offices [1]	—	2,588	9,986,464	—	—	—
Totals	**12,951**	**557,190**	**1,305,544,434**	**138,795,903**	**3,256,454,918**	**6,103,804,834**
Manitoba:						
Under 5 employees	676	1,395	1,736,765	199,942	6,207,528	9,609,474
5 to 14 employees	405	3,422	5,919,307	509,337	23,833,041	35,983,587
15 to 49 "	259	6,931	12,631,275	790,862	36,996,501	61,577,011
50 to 99 "	95	6,502	13,235,180	1,266,146	43,070,303	72,297,887
100 to 199 "	47	6,494	13,140,179	2,273,233	50,115,003	84,393,755
200 to 499 "	32	8,894	19,257,562	2,333,865	51,878,055	95,430,209
500 and over	6	8,131	19,530,682	871,534	87,001,067	115,389,989
Head offices [1]	—	187	637,430	—	—	—
Totals	**1,520**	**41,956**	**86,088,380**	**8,244,919**	**299,101,498**	**474,681,912**
Saskatchewan:						
Under 5 employees	598	1,089	1,075,787	131,690	2,659,231	4,717,165
5 to 14 employees	233	1,843	3,118,118	369,146	14,932,543	21,522,085
15 to 49 "	85	2,284	4,559,294	520,564	20,181,624	30,158,976
50 to 99 "	28	1,960	4,170,758	502,849	17,621,479	28,107,342
100 to 199 "	11	1,319	2,963,852	503,122	28,783,909	37,921,464
200 to 499 "	7	2,268	6,154,258	2,009,047	80,170,555	93,315,676
Head offices [1]	—	78	231,875	—	—	—
Totals	**962**	**10,841**	**22,273,942**	**4,036,418**	**164,349,341**	**215,742,708**
Alberta:						
Under 5 employees	920	1,851	2,160,835	254,870	9,093,263	13,562,399
5 to 14 employees	456	3,521	5,959,078	544,197	23,291,780	35,087,927
15 to 49 "	212	5,516	10,733,568	837,007	29,326,583	50,836,736
50 to 99 "	54	3,908	8,479,941	606,947	36,451,408	57,594,528
100 to 199 "	23	3,351	7,702,988	1,723,114	52,686,684	73,825,419
200 to 499 "	16	5,095	12,495,080	1,707,948	65,223,693	94,779,269
500 and over	4	2,954	6,984,938	275,682	35,290,648	46,308,842
Head offices [1]	—	229	599,126	—	—	—
Totals	**1,685**	**26,425**	**55,115,554**	**5,949,765**	**251,364,059**	**371,995,120**

1. Under this heading are included only those head offices which are not located at the plant.

TABLE 3. Principal Statistics of Manufacturing Industries of Each Province, Classified by Number of Employees per Establishment, 1949 — Concluded

Province and group	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
British Columbia:						
Under 5 employees	1,644	3,527	4,298,848	413,768	8,082,115	16,448,316
5 to 14 employees	938	7,819	14,401,117	1,076,455	26,244,308	52,164,394
15 to 49 "	589	15,457	33,835,972	2,159,133	79,349,512	146,113,802
50 to 99 "	169	11,476	26,409,303	2,242,819	80,737,585	137,020,398
100 to 199 "	89	12,600	30,435,716	2,030,059	80,890,360	150,606,785
200 to 499 "	44	12,796	33,293,634	3,872,797	99,654,599	174,891,208
500 and over	20	18,784	51,789,568	6,426,601	156,153,850	281,763,175
Head offices [1]	—	415	1,939,364	8,779	—	—
Totals	**3,493**	**82,934**	**196,403,722**	**18,230,411**	**531,112,329**	**959,008,088**
Yukon and Northwest Territories:						
Under 5 employees	12	28	48,192	9,728	60,631	152,690
5 to 14 "	4					
15 to 49 "	1	120	310,876	119,022	583,176	1,224,763
50 to 99 "	1					
Totals	**18**	**148**	**359,068**	**128,750**	**643,807**	**1,377,453**

1. Under this heading are included only those head offices which are not located at the plant.

Section 2. The Manufactures of the Atlantic Provinces, 1949

Manufacturing production in Newfoundland is dominated by her forest and fisheries resources which make pulp and paper the leading industry, followed by that of sawmilling. These two industries accounted for 71·p.c. of the total production of the Province. As no information is available for 1949 on the processing of fish products, the position of that industry in the economy of the Province cannot as yet be evaluated. In Prince Edward Island the predominant fishing and agricultural resources make butter and cheese and fish-curing and packing the leading manufactures of the Province. Nova Scotia is renowned for its coal mines and its fisheries as well as extensive forests and agricultural lands and is favoured with easy access by sea to the high-grade iron-ore supply of Newfoundland. On these resources are based the leading manufactures of fish-curing and packing, primary iron and steel, railway rolling-stock, sawmills, pulp and paper, shipbuilding and repairs and butter and and cheese. In addition important petroleum refineries and coke and gas plants add to the diversification of manufacturing in the Province. The forests of New Brunswick give a leading place to its pulp and paper and sawmilling industries, while fish and agricultural products add to the varied output. Sugar refining and the production of railway rolling-stock also form important branches of manufacturing production.

TABLE 4. Statistics of the Leading Industries of Newfoundland, 1949

Industry	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
	No.	No.	$	$	$	$
Pulp and paper	3	3,065	10,490,747	20,005,335	23,211,934	45,839,080
Sawmills	536	938	478,594	955,177	1,078,205	2,080,842
Planing mills, sash, doors, etc.	20	243	396,487	1,164,125	685,704	1,874,921
Bread and other bakery products	11	192	297,477	1,115,414	661,647	1,817,413
Breweries	3	110	239,332	274,097	1,114,416	1,444,207
Printing and publishing	6	207	506,849	178,206	912,499	1,110,107
Clothing, men's, factory	6	397	358,454	623,952	434,808	1,070,429
Other leading industries [1]	4	475	698,619	1,620,092	1,287,698	2,988,173
Totals, leading industries	**589**	**5,627**	**13,466,559**	**25,936,398**	**29,386,911**	**58,225,172**
Totals, all industries	**793**	**6,934**	**15,486,336**	**31,228,173**	**32,918,776**	**67,264,282**
Percentage of leading industries to all industries	74.3	81.1	87.0	83.1	90.0	86.6

1. Includes: Biscuits, and Tobacco, cigars and cigarettes.

TABLE 5. Statistics of the Leading Industries of the Province of Prince Edward Island, 1949

No.	Industry	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
		No.	No.	$	$	$	$
1	Butter and cheese	23	161	255,443	3,136,907	464,539	3,646,979
2	Fish processing	62	474	357,606	2,145,904	663,922	2,857,029
3	Feeds, stock and poultry, prepared	6	30	51,225	656,353	102,630	764,656
4	Fruit and vegetable preparations	7	116	89,861	442,975	149,791	602,029
5	Printing and publishing	4	143	253,865	114,297	384,397	508,114
6	Sawmills	85	149	85,605	250,043	245,299	506,591
7	Bread and other bakery products	11	75	100,545	214,390	138,629	367,626
8	Sash, door and planing mills	4	61	78,627	210,185	120,695	334,108
9	Aerated waters	6	32	46,376	114,743	179,670	304,288
10	All other leading industries [1]	4	226	438,332	5,675,749	1,366,254	7,095,179
	Totals, leading industries	**212**	**1,467**	**1,757,485**	**12,961,546**	**3,815,826**	**16,986,599**
	Totals, all industries	**251**	**1,747**	**2,133,555**	**13,537,144**	**4,338,320**	**18,123,200**
	Percentage of leading industries to all industries	84.5	84.0	82.4	95.7	88.0	93.7

1. Includes: Bags, cotton and jute, fertilizers, slaughtering and meat packing.

TABLE 6. Statistics of the Leading Industries of the Province of Nova Scotia, 1949

No.	Industry	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
		No.	No.	$	$	$	$
1	Fish processing	212	3,841	4,872,586	21,625,288	12,494,684	34,564,126
2	Primary iron and steel	5	4,832	12,544,691	17,965,217	12,942,445	33,501,905
3	Sawmills	598	2,907	3,064,804	7,343,008	6,056,690	13,562,282
4	Pulp and paper	4	1,029	2,857,811	4,471,776	7,224,548	12,985,803
5	Shipbuilding	21	2,350	5,271,861	5,105,180	7,399,711	12,746,387
6	Railway rolling stock	3	925	2,183,856	7,847,584	4,632,905	12,730,507
7	Butter and cheese	23	639	1,004,348	6,055,068	2,227,947	8,438,285
8	Bread and other bakery products	81	787	1,231,572	3,075,342	2,530,572	5,807,881
9	Sash, door and planing mills	72	954	1,507,093	3,120,819	2,508,785	5,714,988
10	Confectionery	9	970	1,287,428	2,642,483	2,767,829	5,480,194
11	Miscellaneous iron and steel products	3	509	1,287,887	2,506,223	2,521,811	5,265,901
12	Knitted goods other than hosiery [1]	3	724	1,054,773	2,290,092	2,043,663	4,403,741
13	Printing and publishing	31	844	1,533,187	1,046,471	3,124,762	4,232,163
14	Aerated waters	29	333	531,056	1,171,067	1,935,865	3,192,487
15	Fruit and vegetable preparations	17	418	589,121	1,335,143	1,152,016	2,575,232
16	Fertilizers	3	88	160,872	1,933,175	401,500	2,347,758
17	Miscellaneous foods	7	151	248,051	1,803,465	450,137	2,279,036
18	Clothing, men's, factory	7	408	448,155	1,266,788	972,265	2,251,959
19	All other leading industries [2]	7	1,931	5,187,262	30,067,915	15,101,837	47,417,056
	Totals, leading industries	**1,135**	**24,640**	**46,866,414**	**122,672,104**	**88,489,972**	**219,497,691**
	Totals, all industries	**1,480**	**29,311**	**54,686,577**	**135,841,899**	**102,294,298**	**247,592,389**
	Percentage of leading industries to all industries	76.7	84.1	85.7	90.3	86.5	88.7

1. Not comparable with previous years.
2. Includes: Cotton yarn and cloth, wire and wire goods, coke, and gas, petroleum products, breweries.

TABLE 7. Statistics of the Leading Industries of the Province of New Brunswick, 1949

No.	Industry	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
		No.	No.	$	$	$	$
1	Pulp and paper	7	3,354	9,959,140	25,747,143	27,928,588	58,722,370
2	Sawmills	420	3,152	4,145,339	10,295,073	7,400,665	17,858,803
3	Fish processing	153	2,663	2,605,959	9,164,723	4,317,125	13,879,841
4	Slaughtering and meat packing	3	337	778,843	7,451,237	2,186,643	9,704,340
5	Butter and cheese	34	513	775,921	6,330,052	1,896,986	8,384,892
6	Miscellaneous foods	8	242	344,927	5,993,249	1,724,560	7,732,351
7	Sash, door and planing mills	64	1,126	1,959,964	4,851,022	2,779,698	7,731,402
8	Bread and other bakery products	67	727	1,136,474	2,783,159	2,120,478	5,083,737
9	Heating and cooking apparatus	3	783	1,621,926	1,772,880	2,997,024	4,862,547
10	Feeds, stock and poultry, prepared	9	142	274,235	4,305,952	462,588	4,799,158
11	Fertilizers	3	127	318,375	3,404,960	868,354	4,323,970
12	Biscuits	3	593	825,479	1,832,678	1,882,712	3,763,809
13	Printing and publishing	18	536	1,083,706	599,292	2,214,575	2,857,923
14	Confectionery	5	364	541,812	1,256,059	975,890	2,267,897
15	All other leading industries [1]	12	5,479	12,505,451	35,334,609	21,702,371	58,413,189
	Totals, leading industries	**809**	**20,138**	**38,877,551**	**121,122,088**	**81,458,257**	**210,386,229**
	Totals, all industries	**1,060**	**23,446**	**44,219,819**	**131,804,253**	**91,187,375**	**231,506,191**
	Percentage of leading industries to all industries	76.3	85.9	87.9	91.9	89.3	90.9

1. Includes: Breweries, sugar refineries, cotton yarn and cloth, synthetic textiles and silk, railway rolling stock, brooms brushes and mops, brass and copper products, gypsum products.

Section 3. The Manufactures of Quebec, 1949

Quebec contributes about 30 p.c. of the total value of manufactured products of Canada. Quebec's forests, water powers, minerals, and agricultural lands, and also its geographic position astride the St. Lawrence estuary permitting sea-going vessels to reach its main centres of population are among the assets that have tended to develop manufacturing industries. In addition, Quebec has a stable and industrious population, which is an important factor in industries such as textiles, clothing, leather boots and shoes, etc., where a large labour force is required.

The production of pulp and paper occupies the premier position, accounting for about 10 p.c. of the gross value of Quebec manufactures and for about 45 p.c. of the Canadian total for this industry. Other large Canadian industries in which Quebec predominates are: Tobacco, cigars and cigarettes 92 p.c. of the Canadian total; synthetic textiles and silk 72 p.c.; cotton yarn and cloth 66 p.c.; women's factory clothing 65 p.c.; aircraft and parts 64 p.c.; leather boots and shoes 60 p.c.; men's factory clothing 57 p.c.; miscellaneous electrical apparatus 51 p.c.; railway rolling-stock 49 p.c.; and pulp and paper 45 p.c.

Quebec also predominates in a large number of the smaller industries. The candle industry contributed 95.2 p.c. of the Canadian total; men's clothing contractors 89.0 p.c.; women's clothing contractors 81.5 p.c.; cotton thread 81.1 p.c.; lasts, trees and shoe findings 77.8 p.c.; children's clothing 76.0 p.c.; dyeing and finishing of textiles 75.0 p.c.; oiled and waterproofed clothing 74.3 p.c.; oilcloth, linoleum and other coated fabrics 73.4 p.c.; narrow fabrics 73.1 p.c.; boot and shoe findings, leather 72.4 p.c.; embroidery, pleating and hemstitching 71.0 p.c.; miscellaneous clothing 69.4 p.c.; asbestos products 67.0 p.c.; artificial flowers and feathers 66.6 p.c.; processed cheese 66.5 p.c.; fur dressing and dyeing 65.7 p.c.; and fabric gloves and mittens 65.5 p.c.

Quebec is thus an outstanding manufacturing province by reason of her large individual industries and not so much on account of a great diversification of manufacturing activity.

TABLE 8. Statistics of the Leading Industries of the Province of Quebec, 1949

No.	Industry	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
		No.	No.	$	$	$	$
1	Pulp and paper	54	22,745	67,103,568	158,394,062	183,841,476	374,146,335
2	Non-ferrous metal smelting and refining	6	7,172	19,591,072	136,417,932	66,389,720	222,495,803
3	Slaughtering and meat packing	37	3,673	8,841,363	125,805,766	20,863,700	147,470,540
4	Petroleum products	6	2,192	5,963,285	113,897,599	24,258,556	143,997,735
5	Cotton yarn and cloth	19	16,262	31,494,809	84,223,774	52,010,148	138,702,495
6	Clothing, women's, factory [1]	538	18,399	33,748,783	68,285,650	62,923,383	131,480,315
7	Clothing, men's, factory	339	17,881	30,979,672	68,955,515	56,378,176	125,685,676
8	Railway rolling stock	12	15,698	40,836,867	64,990,314	54,262,527	121,591,511
9	Tobacco, cigars and cigarettes	39	8,153	17,274,460	55,059,416	49,184,757	104,576,208
10	Butter and cheese	807	5,980	9,856,181	81,723,442	17,708,020	101,086,380
11	Synthetic textiles and silk	36	12,399	25,732,270	32,223,166	54,589,992	88,935,331
12	Electrical apparatus and supplies, n.e.s. [1]	31	11,200	27,381,472	29,372,978	51,737,673	81,852,969
13	Boots and shoes, leather	179	13,927	22,040,969	37,180,192	32,545,772	70,042,519
14	Sawmills	1,916	10,426	13,602,802	42,260,785	26,702,984	69,624,009
15	Bread and other bakery products	1,024	9,014	15,109,489	28,967,604	24,756,608	55,580,081
16	Miscellaneous foods	77	1,980	3,823,989	38,320,395	16,046,003	54,677,927
17	Furniture	373	8,912	16,804,337	22,121,317	27,020,578	49,675,435
18	Feeds, stock and poultry, prepared	123	1,240	2,292,551	38,089,407	5,713,205	44,109,824
19	Machinery, industrial [1]	57	6,081	14,640,436	15,559,411	27,382,232	43,615,821
20	Brass and copper products	41	3,000	6,857,362	28,769,819	12,230,856	41,613,642
21	Printing and publishing	81	6,210	15,175,913	11,925,680	29,119,881	41,345,364
22	Breweries	8	2,701	7,684,792	12,335,997	27,091,604	40,210,113
23	Aircraft	5	5,847	14,874,733	17,428,051	21,280,768	39,163,442
24	Sheet metal products	66	4,533	10,475,441	20,009,715	18,539,445	38,957,628
25	Primary iron and steel	12	4,017	10,434,878	13,111,376	21,008,587	36,556,230
26	Boxes and bags, paper	49	4,039	7,101,286	20,386,520	13,614,456	34,225,160
27	Rubber goods, including rubber footwear	24	6,130	12,943,676	13,819,655	18,570,906	33,058,841
28	Sash, door and planning mills	669	5,441	8,737,691	18,776,211	13,620,822	32,946,063
29	Shipbuilding	12	4,461	11,048,142	14,475,899	17,696,515	32,703,087
30	Aerated waters	171	2,738	5,107,358	11,035,405	19,922,652	31,522,510
31	Printing and bookbinding	496	6,334	13,678,183	10,357,475	20,778,022	31,472,833
32	Knitted goods, other than hosiery [1]	69	4,974	7,572,858	16,321,992	14,599,042	31,284,093
33	Medicinal and pharmaceutical preparations	95	3,595	7,751,144	9,741,764	20,627,270	30,716,460
34	Fur goods	298	3,294	6,646,712	18,559,662	11,087,154	29,750,937
35	Castings, iron	58	3,944	9,594,199	13,128,656	15,692,156	29,463,754
36	Confectionery	52	2,555	4,307,873	14,958,612	13,477,543	28,726,937
37	Acids, alkalies and salts	9	2,652	7,476,397	9,697,380	16,658,770	28,715,261
38	Paints, varnishes and lacquers	33	2,837	6,248,096	14,278,995	14,041,393	28,553,478
39	Miscellaneous paper goods	72	2,576	4,901,517	15,943,619	11,420,551	27,578,597
40	Distilled liquors	8	1,661	4,014,297	10,600,968	15,977,118	27,453,981
	Totals, leading industries	**8,001**	**276,873**	**589,750,923**	**1,557,512,176**	**1,221,371,021**	**2,865,365,325**
	Totals, all industries	**11,579**	**390,275**	**809,579,270**	**2,027,793,643**	**1,651,629,668**	**3,788,497,123**
	Percentage of leading industries to all industries	69.1	70.9	72.5	76.8	73.9	75.6

1. Not comparable with previous years.

Note. Sugar refining is also a leading industry. Statistics, however, are confidential.

Section 4. The Manufactures of Ontario, 1949

The gross value of the manufactured products of Ontario in 1949 represented about 49 p.c. of the total for all Canada. This premier position in manufacturing has been fairly uniformly maintained by Ontario, as the following percentages show: 1926, 52 p.c.; 1918, 53 p.c.; 1910, 50 p.c.; 1900, 50 p.c.; 1890, 51 p.c.; and 1880, 51 p.c. In spite of the rapid industrial development in recent years in other provinces, such as Quebec, British Columbia and Manitoba, Ontario has maintained a manufacturing production roughly equal to that of the remainder of the Dominion.

The geographic position of Ontario on the Great Lakes waterway system, by means of which the iron ore of Minnesota and the coal of Pennsylvania are readily accessible; the wide range of natural resources of forests, minerals, water powers, and agriculture; a large population and excellent water and rail transportation facilities to other parts of the country, have all encouraged industrial development. Other factors have been proximity to one of the most densely populated sections of the United States and the establishment within the Province of branch factories of such United States industries as automobile manufacturing.

Ontario also has the greatest diversification of manufacturing production of any province. Certain industries, such as the manufacture of motor vehicles, motor vehicle parts, agricultural implements, heavy electrical machinery, starch and glucose, machine tools, bicycles and parts, miscellaneous non-ferrous metal products and carpets mats and rugs, are carried on practically in this province alone. Of the forty leading industries in Canada in 1949 a substantial number of them were dominated by Ontario's share of the total production. These industries, with the percentage which the production of each bears to that of the 1949 Canada totals are. Motor vehicle parts 98, motor vehicles 97, agricultural implements 96, heavy electrical machinery 95, rubber goods 81, primary iron and steel 74, iron castings 69, miscellaneous paper products 63, coke and gas products 62, sheet metal products 60, industrial machinery 59, brass and copper products 58, printing and bookbinding 58, confectionery 57, boxes and bags, paper 56, miscellaneous foods 53, furniture 52 and flour mills 50.

In the case of the smaller industries, Ontario too dominates the field. Twenty-seven of these industries in 1949 contributed more than 75 p.c. to the Canadian total. These industries are: machine tools 100, starch and glucose 97.6, bicycles and parts 96.4, miscellaneous non-ferrous metal products 95.5, carpets, mats and rugs 94.5, tobacco processing and packing 92.7, typewriter supplies 92.3, soaps, washing compounds and cleaning preparations 89.7, wine 87.2, breakfast foods 87.0, inks 86.6, artificial abrasives 86.3, leather tanning 86.2, scientific and professional equipment 85.5, automobile accessories, fabric 84.4, animal oils and fats 84.2, batteries 83.3, refrigerators, vacuum cleaners and appliances 82.1, woollen yarn 81.3, cordage, rope and twine 80.5, feed mills 79.1, toys and games 78.7, boilers and plate work 76.4, household, office and store machinery 76.0, sporting goods 75.6, jewellery and silverware 75.2, and miscellaneous cotton goods 75.0.

TABLE 9. Statistics of the Leading Industries of the Province of Ontario, 1949

No.	Industry	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
		No.	No.	$	$	$	$
1	Motor vehicles	9	26,133	74,518,788	295,431,447	177,739,592	476,084,443
2	Slaughtering and meat packing	67	7,907	20,149,051	221,559,445	42,384,481	265,291,727
3	Pulp and paper	44	16,793	51,576,946	113,684,748	131,665,455	264,183,400
4	Non-ferrous smelting and refining	8	7,694	22,913,994	128,962,570	95,400,693	237,688,169
5	Primary iron and steel	24	18,981	56,947,264	112,717,545	97,652,204	226,993,285
6	Agricultural implements	39	15,404	41,987,161	92,247,074	75,232,179	169,450,644
7	Motor vehicle parts	97	17,191	44,152,651	86,523,901	78,914,176	167,723,543
8	Machinery, heavy electrical[1]	32	18,365	49,012,729	61,285,674	87,914,477	150,780,791
9	Rubber goods, including footwear	31	14,556	35,143,042	60,046,190	83,025,528	145,296,510
10	Petroleum products	16	4,251	11,903,392	101,321,991	34,187,465	141,427,763
11	Butter and cheese	686	8,526	16,755,455	96,808,072	29,299,307	128,510,538
12	Flour mills[1]	70	2,381	5,785,533	108,658,928	12,693,218	122,014,467
13	Fruit and vegetable preparations	210	9,127	15,243,826	56,344,477	37,535,300	95,224,833
14	Sheet metal products	138	9,682	23,836,945	50,649,395	42,281,967	94,123,795
15	Castings, iron	112	12,173	31,681,711	38,038,298	51,430,026	91,627,925
16	Bread and other bakery products	948	14,339	26,775,295	42,692,839	42,613,751	88,200,341
17	Machinery, industrial[1]	164	10,613	26,702,151	27,446,751	58,717,498	87,033,316
18	Furniture	456	13,769	28,690,621	35,342,157	45,996,970	82,213,350
19	Printing and publishing	294	11,768	29,477,753	24,790,456	54,243,382	79,774,517
20	Electrical apparatus and supplies n.e.s.[1]	96	8,132	19,080,047	35,075,440	41,108,887	77,009,875
21	Printing and bookbinding	654	11,499	25,051,194	26,063,945	43,032,460	69,625,078
22	Refrigerators, vacuum cleaners and appliances[1]	64	5,694	13,695,491	33,362,999	35,540,569	69,411,316
23	Clothing, men's, factory	149	10,952	20,335,956	37,644,056	31,226,360	69,078,802
24	Feeds, stock and poultry, prepared	222	2,304	4,884,581	55,338,843	12,128,330	68,159,558
25	Brass and copper products	92	5,471	14,129,326	41,701,658	24,701,468	67,314,435
26	Boxes and bags, paper	96	7,091	15,151,769	39,824,610	26,490,237	66,825,350
27	Machinery, store, office and household[1]	38	5,805	14,762,227	31,418,163	32,751,031	64,552,871
28	Cotton yarn and cloth	30	7,673	15,422,702	36,054,085	26,560,930	63,549,360
29	Miscellaneous paper goods[1]	109	5,867	13,111,823	34,609,438	28,199,963	63,459,884
30	Sawmills	1,511	8,971	14,147,420	32,887,587	29,201,468	62,739,000
31	Coke and gas products	15	3,021	7,982,553	35,372,028	21,184,168	59,943,579
32	Railway rolling stock	15	6,242	16,674,725	32,129,470	26,143,271	59,225,297
33	Confectionery	82	5,536	9,545,605	29,176,626	27,184,523	56,913,248
34	Breweries	22	3,097	8,657,929	14,698,658	41,318,735	56,786,328
35	Soaps, washing compounds & cleaning preparations	68	2,991	8,038,697	28,569,317	26,566,404	56,006,711
36	Tobacco processing and packing	10	1,089	2,055,182	50,926,274	3,791,984	54,847,380
37	Hardware, tools and cutlery	201	8,959	20,940,113	17,400,911	36,314,117	54,779,808
38	Miscellaneous chemical products, n.e.s.	106	3,719	9,338,339	27,451,840	21,244,840	53,560,490
39	Miscellaneous foods	117	3,067	6,207,359	36,192,323	16,848,428	53,352,469
40	Clothing, women's, factory[1]	286	7,977	16,456,462	26,363,621	25,477,949	51,978,017
	Totals, leading industries	**7,428**	**364,810**	**888,923,808**	**2,456,813,850**	**1,855,934,022**	**4,412,762,213**
	Totals, all industries	**12,951**	**557,190**	**1,305,544,434**	**3,256,454,918**	**2,708,554,013**	**6,103,804,834**
	Percentage of leading industries to all industries	57.4	65.5	68.1	75.4	68.5	72.3

1. Not comparable with previous years.

Section 5. The Manufactures of the Prairie Provinces, 1949

The leading industries of the Prairie Provinces are those based on agricultural resources—grain-growing, cattle-raising and dairying areas. Next in importance, generally, are industries providing for the more necessary needs of the resident population, such as the baking of bread, printing and publishing, etc. The extensive railway services require large shops for the maintenance of rolling-stock, especially in the Winnipeg area. The widespread use of motor-vehicles and power machinery on farms has given rise to petroleum refineries in each province. The greatly increased production of crude petroleum in Alberta seems likely to lead to further development of the refining industry. Manitoba, as the early commercial centre of the prairies, has had a greater industrial development than either of the other provinces. Its natural resources of accessible water powers, forests and, more recently, minerals, have given rise to quite a diversification of industrial production.

Considering the Prairie Provinces as an economic unit, slaughtering and meat packing had the largest gross value of production in 1949, amounting to $221,889,019, followed by flour mills with $94,885,289, petroleum products $90,502,929, butter and cheese $84,669,894 and railway rolling-stock $43,935,978. These five industries accounted for about 50 p.c. of the total production of the Prairie Provinces. Other leading industries, in order of gross value of production were: bread and other bakery products, breweries, printing and publishing, planing mills, sawmills, men's factory clothing, prepared stock and poultry feeds, women's factory clothing, malt and malt products, miscellaneous foods, sugar refining, furniture, printing and bookbinding, pulp and paper, etc.

TABLE 10. Statistics of the Leading Industries of the Province of Manitoba, 1949

No.	Industry	Establishments	Employees	Salaries and wages	Cost of Materials used	Net value of products	Gross value of products
		No.	No.	$	$	$	$
1	Slaughtering and meatpacking	13	2,962	7,913,241	87,879,293	15,210,108	103,572,515
2	Railway rolling stock	4	5,808	13,082,863	17,967,207	14,830,314	33,310,209
3	Butter and cheese	84	1,740	3,315,722	19,695,179	6,017,281	26,108,071
4	Flour mills [1]	12	555	1,051,594	20,466,586	1,507,387	22,107,869
5	Clothing, men's factory	39	2,486	3,541,078	8,999,707	6,033,509	15,090,473
6	Clothing, women's, factory [1]	32	1,928	3,793,051	8,192,159	6,043,794	14,274,612
7	Printing and publishing	79	1,649	3,540,116	2,948,489	7,677,439	10,734,768
8	Bread and other bakery products	124	1,657	2,943,789	5,023,869	5,086,388	10,448,075
9	Pulp and paper [2]	2	478	1,341,085	2,899,238	6,621,856	10,346,220
10	Miscellaneous foods, n.e.s.	20	433	779,639	7,939,953	1,922,133	9,908,800
11	Furniture	83	1,340	2,640,218	4,991,312	4,481,717	9,562,263
12	Malt and malt products	3	220	634,602	6,758,735	2,043,333	9,127,122
13	Petroleum products	3	248	497,335	6,759,563	1,745,373	8,731,894
14	Printing and bookbinding	78	1,523	2,998,607	2,813,224	5,171,657	8,051,823
15	Breweries	6	606	1,497,861	1,835,122	5,916,495	7,924,037
16	Feeds, stock and poultry, prepared	28	356	812,050	5,557,908	1,053,804	6,682,729
17	Fur goods	62	833	1,720,389	4,071,700	2,570,402	6,661,398
18	Boxes and bags, paper	8	554	1,174,824	4,106,807	2,426,125	6,581,565
19	Sheet metal products	19	784	1,718,076	3,479,138	2,826,842	6,385,930
20	Aerated waters	21	446	830,092	2,271,170	3,719,548	6,125,743
21	Primary iron and steel	4	868	2,015,406	1,784,218	3,232,499	5,524,915
22	Bags, cotton and jute	4	189	406,184	4,844,632	562,787	5,425,187
23	All other leading industries [3]	6	1,182	2,804,376	18,910,513	10,436,766	29,963,666
	Totals, leading industries	**734**	**28,845**	**61,057,198**	**250,195,722**	**117,137,557**	**372,649,884**
	Totals, all industries	**1,520**	**41,956**	**86,088,380**	**299,101,498**	**167,335,495**	**474,681,912**
	Percentage of leading industries to all industries	48.3	68.8	70.9	83.6	70.0	78.5

1. Not comparable with previous years.
2. Publication of these figures was authorized by the two firms concerned.

TABLE 11. Statistics of the Leading Industries of the Province of Saskatchewan, 1949

No.	Industry	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
		No.	No.	$	$	$	$
1	Flour mills [1]	21	680	1,648,004	33,650,360	6,460,716	40,446,109
2	Petroleum products	7	552	1,514,829	30,632,381	2,284,070	34,258,225
3	Slaughtering and meat packing	10	1,291	3,220,137	26,086,084	5,432,984	31,765,794
4	Butter and cheese	66	1,435	2,632,013	22,213,728	5,265,457	27,825,533
5	Breweries	5	396	962,761	1,841,625	6,010,746	7,977,459
6	Bread and other bakery products	86	962	1,680,940	3,733,585	3,100,668	7,026,676
7	Printing and publishing	109	1,106	2,327,013	1,348,006	3,739,615	5,174,891
8	Sawmills	337	878	898,437	1,321,884	2,169,162	3,562,128
9	Aerated waters	21	288	535,657	1,225,313	1,462,984	2,796,451
10	Feeds, stock and poultry, prepared	15	92	198,477	2,262,468	329,580	2,618,840
11	Sash, door and planning mills	26	352	713,473	1,262,227	1,311,214	2,612,161
	Total, leading industries listed above [2]	**703**	**8,032**	**16,331,741**	**125,577,661**	**37,567,196**	**166,064,267**
	Total, all industries	**962**	**10,841**	**22,273,942**	**164,349,341**	**47,356,949**	**215,742,708**
	Percentage of leading industries to all industries	73.1	74.1	73.3	76.4	79.3	77.0

1. Not comparable with previous years.
2. Other leading industries statistics for which cannot be given because there are fewer than three establishments in each industry are: "Non-ferrous metal smelting and refining" and "Vegetable oil mills"
3. Includes, Bridgebuilding and structural steel, non-ferrous smelting and refining, Biscuit and Sugar refineries.

TABLE 12. Statistics of the Leading Industries of the Province of Alberta, 1949

No.	Industr.	Establishments	Employees	Salaries and wages	Cost of materials used	Net value of products	Gross value of products
		No.	No.	$	$	$	$
1	Slaughtering and meatpacking	12	2,927	7,370,968	72,143,955	14,017,190	86,550,710
2	Petroleum products	7	893	2,500,027	39,844,426	6,480,193	47,512,810
3	Flour mills [1]	18	760	1,676,775	27,564,493	4,581,324	32,331,311
4	Butter and cheese	107	1,751	3,266,302	24,495,440	5,896,400	30,736,290
5	Sash, door and planing mills	75	1,414	2,850,731	8,707,192	4,891,508	13,749,733
6	Sawmills	601	2,995	3,729,615	5,911,852	7,215,037	13,500,571
7	Breweries	5	635	1,695,400	3,129,463	8,265,175	11,510,760
8	Bread and other bakery products	121	1,386	2,703,953	5,693,157	5,112,801	10,970,147
9	Railway rolling stock	3	1,931	4,894,724	5,554,278	4,897,577	10,625,769
10	Feeds, stock and poultry, prepared	41	375	745,951	6,431,334	1,335,616	7,845,301
11	Printing and publishing	83	1,166	2,682,673	1,663,587	5,748,640	7,476,689
12	Miscellaneous wood products, n.e.s.	13	222	588,469	4,214,654	1,120,088	5,381,250
13	Clothing, men's, factory	7	671	920,026	2,589,212	2,200,412	4,799,177
14	Aerated waters	20	292	560,885	1,455,903	1,962,652	3,502,643
15	Fruit and vegetable preparations	8	306	504,135	1,566,372	1,625,365	3,239,641
16	Printing and bookbinding	66	655	1,437,771	881,513	2,228,789	3,138,062
17	Machine shops	44	629	1,332,412	1,003,726	1,917,210	2,971,352
18	Miscellaneous foods	17	187	296,070	1,783,919	1,081,644	2,899,216
19	Furniture	48	481	903,057	1,548,205	1,316,188	2,893,730
20	Sheet metal products	9	254	481,451	1,314,665	1,260,609	2,586,838
21	Cement products	23	285	668,040	1,100,894	1,256,722	2,394,503
22	Feed mills [1]	37	68	96,498	2,045,296	293,242	2,359,373
23	Biscuits	3	188	337,221	1,056,930	1,141,218	2,207,063
24	Castings, iron	7	342	793,304	536,283	1,349,948	1,912,156
25	Machinery, industrial [1]	7	346	820,792	562,238	1,261,771	1,852,905
26	Clay products, from domestic clay	11	438	891,075	42,132	1,517,308	1,603,199
27	Bags, cotton and jute	3	52	74,640	1,223,295	160,086	1,387,240
28	Agricultural implements	10	206	439,497	428,813	934,216	1,383,370
29	Boxes and baskets, wood	7	222	464,451	686,302	621,003	1,323,742
30	All other leading industries [2]	15	1,933	4,575,908	19,523,345	14,663,262	35,988,154
	Totals, leading industries	**1,428**	**24,010**	**50,302,821**	**244,702,874**	**106,353,194**	**356,633,705**
	Totals, all industries	**1,685**	**26,425**	**55,115,554**	**251,364,059**	**114,681,296**	**371,995,120**
	Percentage of leading industries to all industries	84.7	90.9	91.3	97.3	92.7	95.9

1. Not comparable with previous years.
2. Includes: Malt and malt products, sugar refineries, cheese, processed, condensed milk, boxes and bags, paper, bridge building and structual steel, cement, glass and glass products, fertilizers and vegetable oil mills.

Section 6. The Manufactures of British Columbia, 1949

British Columbia with a gross value of production of $959,008,088 in 1949 was again the third most important manufacturing province in Canada. About 22 p.c. of that amount was contributed by the sawmilling industry followed by pulp and paper, fish processing and meat packing. Shipbuilding, which occupied first place during the war years, was in fifteenth place in 1949. At the height of its productive effort in 1943 it employed 31,238 persons who were paid $64,939,484 in salaries and wages, while the value of production reached the unprecedented figure of $155,536,396. In spite of its decline, the shipbuilding industry in 1949 was still the seventh largest employer of labour and also paid out the fourth highest amount in salaries and wages. Emphasizing the importance of the forests in the industrial life of the Province, the sawmilling industry ranked first with a gross value of production of $209,607,511, and pulp and paper industry second with $69,925,185. Third in importance was fish curing and packing, based principally on the estuarial salmon fisheries. British Columbia accounted for 49 p.c. of the total production of this industry in Canada. Other important industries are: slaughtering and meat packing, petroleum products, fertilizers, planing mills, veneers and plywoods, miscellaneous food products, fruit and vegetable preparations, butter and cheese, etc. The varied resources of the Pacific Coast have resulted in a wide diversification of its manufactures.

TABLE 13. Statistics of the Leading Industries of the Province of British Columbia, 1949

No.	Industry	Establishments	Employees	Salaries and Wages	Cost of Materials Used	Net Value of Products	Gross Value of Products
		No.	No.	$	$	$	$
1	Sawmills	1,290	24,027	56,527,596	103,345,925	104,089,164	209,607,511
2	Pulp and paper	9	4,586	14,374,571	23,460,417	42,881,670	69,925,185
3	Fish processing	68	3,888	8,285,182	32,600,417	22,190,548	55,553,356
4	Slaughtering and meat packing	11	1,332	3,533,092	41,655,627	7,198,368	49,120,931
5	Petroleum products	5	682	2,017,831	23,306,034	10,067,554	34,409,015
6	Fertilizers	5	1,368	4,027,647	8,966,988	18,964,481	28,060,751
7	Sash, door and planing mills	138	2,488	5,682,083	16,467,344	9,745,606	26,522,103
8	Veneers and plywoods	11	2,769	6,341,935	10,702,470	14,338,223	25,239,202
9	Miscellaneous food industries	42	694	1,126,600	18,686,960	4,295,896	23,057,601
10	Fruit and vegetable preparations	77	2,224	3,683,224	14,272,893	8,082,474	22,622,366
11	Butter and cheese	32	1,734	3,751,152	13,840,869	5,929,247	20,267,063
12	Bread and other bakery products	253	2,612	5,553,045	9,232,384	8,567,356	18,360,066
13	Printing and publishing	77	2,633	6,945,490	4,258,553	11,629,254	16,014,950
14	Feeds, stock and poultry, prepared	34	759	1,529,046	11,714,324	3,073,673	15,028,791
15	Shipbuilding	27	2,604	7,289,235	3,635,365	10,395,510	14,281,661
16	Breweries	11	718	1,850,119	2,459,639	9,155,439	11,807,728
17	Sheet metal products	30	874	2,249,525	7,429,693	4,114,611	11,640,408
18	Furniture	174	2,048	3,992,502	5,606,021	5,723,833	11,453,084
19	Machinery, industrial	39	1,678	4,431,994	3,274,511	7,942,786	11,395,478
	Totals, leading industries listed above[1]	**2,333**	**59,718**	**143,191,869**	**354,916,434**	**308,385,783**	**674,367,250**
	Totals, all industries	**3,493**	**82,934**	**196,403,722**	**531,112,329**	**409,665,348**	**959,008,088**

1. Other leading industries statistics for which cannot be given because there are fewer than three establishments in each industry are: non-ferrous metal smelting and refining and sugar refining.

Section 7. Manufacturing Industries in Urban Centres

The prosperity of most of the cities and towns of Canada, especially in the east, is intimately connected with their manufacturing industries, which provide employment for a large proportion of their gainfully occupied population. In the west the cities are more largely distributing centres, though manufactures are rapidly increasing there also.

Table 14, indicating the extent to which the manufacturing industries of Canada are concentrated in urban centres, shows by provinces the proportion of the gross manufacturing production contributed by cities and towns having a gross production of over $1,000,000 each. In the more highly industrialized provinces of Ontario and Quebec such cities and towns in 1949 accounted for 93.8 p.c. and 91.7 p.c. respectively, of the totals for those provinces, while for the Atlantic Provinces and British Columbia, where sawmilling, fish-packing, and dairying are leading industries, the proportions fell to 68.9 p.c. and 58.6 p.c. respectively. In the Prairie Provinces manufacturing is confined largely to a few urban centres.

TABLE 14. Cities and Towns Each with a Gross Manufacturing Production of Over $1,000,000. Number of Establishments and Total Production in such Urban Centres as a Percentage of the Grand Total, by Provinces, 1949

Note. Statistics published in this table are in some cases higher than the figures published in Table 17, since, in the table below are included statistics of towns with less than three establishments and production of over $1,000,000. It was not possible to publish this information in Table 17 without disclosing the operations of individual establishments.

Province	Urban centres with a gross production of over $1,000,000 each	Establishments reporting in urban centres producing over $1,000,000 each	Total production in urban centres producing over $1,000,000	Total production in each province	Production in urban centres as a percentage of total production in each province
	No.	No.	$	$	p.c.
Newfoundland	2	107	43,156,816	67,264,282	64.2
Prince Edward Island	2	56	11,039,520	18,123,200	60.9
Nova Scotia	20	457	168,636,370	247,592,389	68.1
New Brunswick	14	313	166,294,063	231,506,191	71.8
Quebec	128	7,091	3,475,779,196	3,788,497,123	91.7
Ontario	165	9,311	5,724,561,190	6,103,804,834	93.8
Manitoba	11	1,062	430,702,432	474,681,912	90.7
Saskatchewan	10	396	171,397,892	215,742,708	79.4
Alberta	14	744	288,351,166	371,995,120	77.5
British Columbia	25	2,110	562,244,781	959,008,088	58.6
Yukon and Northwest Territories	—	—	—	1,377,453	—
Canada	**391**	**21,647**	**11,042,163,426**	**12,479,593,300**	**88.5**

TABLE 15. Principal Statistics of the Manufacturing Industries of the Six Leading Manufacturing Cities of Canada, 1939-49

City and Year	Establishments	Capital	Employees	Salaries and wages	Cost of materials	Gross value of products[1]
	No.	$	No.	$	$	$
Montreal:						
1939	2,501	423,234,648	105,315	114,602,118	254,188,246	483,246,583
1942	3,007	629,809,985	169,987	240,888,491	541,625,660	976,767,738
1943	2,992	721,223,427	194,643	307,922,631	665,209,935	1,184,114,458
1944	3,109	2	185,708	308,396,358	650,618,563	1,215,988,014
1945	3,404	2	181,679	304,247,761	600,919,272	1,144,175,108
1946	3,785	2	173,507	291,381,617	602,667,823	1,147,945,303
1947	3,950	2	177,744	325,114,158	682,056,090	1,298,019,266
1948	3,887	2	180,098	368,191,470	841,048,938	1,550,246,090
1949	4,136	2	184,779	399,943,526	847,444,669	1,596,713,694
Toronto:						
1939	2,885	447,009,768	98,702	122,553,435	240,532,281	482,532,331
1942	3,211	635,981,329	151,639	228,875,152	451,198,158	886,256,494
1943	3,238	647,907,281	156,459	259,307,913	481,504,056	961,923,997
1944	3,344	2	154,538	260,776,613	513,429,109	1,020,345,353
1945	3,482	2	146,335	244,055,112	496,204,721	961,736,716
1946	3,632	2	145,556	247,298,288	549,256,912	1,036,939,790
1947	3,705	2	151,137	289,363,797	648,648,084	1,231,936,820
1948	3,683	2	154,197	335,142,822	804,970,396	1,475,761,819
1949	4,005	2	158,562	368,510,524	837,148,440	1,579,186,450
Hamilton:						
1939	461	206,584,330	31,512	39,563,423	70,829,034	152,746,340
1942	482	273,212,977	50,744	85,111,817	166,078,144	347,752,196
1943	485	315,896,136	54,671	95,576,332	164,271,139	362,743,019
1944	480	2	53,500	94,982,915	171,117,467	363,033,672
1945	482	2	50,520	89,639,262	166,349,884	351,676,308
1946	501	2	45,951	80,959,432	150,977,835	308,033,098
1947	512	2	50,567	101,424,109	205,430,175	411,817,530
1948	526	2	53,370	124,016,143	259,800,537	519,132,345
1949	546	2	54,665	137,641,333	285,180,403	563,982,920
Windsor:						
1939	222	80,436,233	17,729	25,938,890	63,907,106	122,474,320
1942	233	206,556,146	37,057	76,276,589	240,384,518	383,323,348
1943	229	206,850,571	38,516	85,965,874	247,504,385	417,745,229
1944	231		35,912	80,667,573	232,102,240	387,603,874
1945	241	2	28,826	63,515,050	167,675,110	280,743,622
1946	256	2	30,889	60,315,436	138,788,813	244,925,148
1947	273	2	32,154	74,748,834	204,383,024	367,122,739
1948	271	2	32,729	85,354,165	231,706,777	413,749,890
1949	283	2	34,591	94,304,627	271,392,923	494,162,203

1. Net value is derived from gross value by deducting cost of materials, fuel, and electricity. For cost of fuel and electricity in 1949 see Table 17.
2. Information not collected.

TABLE 15. Principal Statistics of the Manufacturing Industries of the Six Leading Manufacturing Cities of Canada, 1939-49 - Conc.

City and Year	Establishments	Capital	Employees	Salaries and wages	Cost of materials	Gross value of products[1]
	No.	$	No.	$	$	$
Winnipeg:						
1939	648	73,255,368	17,571	20,717,273	44,873,043	81,024,272
1942	692	113,297,399	27,768	38,191,886	88,897,218	156,332,353
1943	688	100,511 565	24,898	35,807,283	106,485,838	174,523,234
1944	686	2	25,870	38,824,299	119,917,745	198,169,626
1945	716	2	26,206	40,115,513	117,453,819	197,523,922
1946	756	2	26,730	42,354,650	121,531,306	206,381,007
1947	779	2	27,651	47,728,392	130,721,062	228,028,346
1948	765	2	27,906	54,379,965	157,379,778	264,022,796
1949	860		28,687	58,604,162	143,827,270	255,006,806
Vancouver:						
1939	829	92,797,032	17,957	22,382,192	56,565,511	101,267,243
1942	897	136,336,017	37,858	60,779,827	116,153,100	223,295,187
1943	898	193,795,910	45,971	81,059,815	130,442,455	288,196,900
1944	933	2	43,473	79,141,407	142,416,371	289,390,718
1945	992	2	37,599	66,144,015	137,118,244	265,034,773
1946	1,071	2	31,408	55,960,984	138,045,068	270,165,166
1947	1,127	2	33,119	65,363 332	174,822,180	313,964,785
1948	1,136	2	33,815	75,300,519	211,726,521	360,749,092
1949	1,225	2	33,536	78,793,345	204,642,985	358,620,526

1. Net value is derived from gross value by deducting cost of materials, fuel, and electricity. For cost of fuel and electricity in 1949 see Table 17.
2. Information not collected.

TABLE 16. Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, Grouped According to the Number of Employees per Establishment, 1949

Group	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
	Montreal Metropolitan Area[1]					
Under 5 employees	1,218	2,732	4,359,804	209,005	13,167,432	23,172,378
5 to 14 employees	1,306	11,122	20,038,769	752,981	42,907,544	83,866,380
15 to 49 "	1,267	34,635	65,605,638	2,224,435	141,666,032	266,543,265
50 to 99 "	381	25,847	49,353,264	1,957,903	115,664,964	214,394,662
100 to 199 "	207	28,837	58,164,795	2,369,991	159,460,635	280,514,214
200 to 499 "	114	36,139	78,684,145	13,463,893	238,563,126	446,694,786
500 and over	61	74,725	185,932,718	12,982,999	413,981,337	764,706,688
Head offices[2]	—	5,199	19,429,210	—	—	—
Totals[1]	**4,554**	**219,236**	**481,568,343**	**33,961,207**	**1,125,411,070**	**2,079,892,373**
	Toronto Metropolitan Area					
Under 5 employees	1,176	2,556	4,116,105	271,286	10,309,343	19,145,783
5 to 14 employees	1,345	11,448	22,715,836	919,454	39,684,897	82,300,574
15 to 49 "	1,120	29,937	64,631,916	2,414,665	140,977,013	269,682,682
50 to 99 "	347	23,922	52,338,230	2,310,626	128,059,781	236,786,863
100 to 199 "	184	25,526	57,971,303	3,391,591	143,183,108	269,667,259
200 to 499 "	111	34,224	79,515,692	4,021,998	168,837,307	336,336,314
500 and over	52	53,055	139,474,163	7,528,507	340,925,633	635,868,504
Head offices[2]	—	2,046	8,310,461	—	—	—
Totals	**4,335**	**182,714**	**429,073,706**	**20,858,127**	**971,977,082**	**1,849,787,979**
	Hamilton Metropolitan Area					
Under 5 employees	159	352	517,667	40,699	36,285,752	10,201,957
5 to 14 employees	160	1,346	2,586,603	172,488	3,830,256	8,284,639
15 to 49 "	116	3,176	6,817,774	475,685	13,647,450	26,854,501
50 to 99 "	46	3,231	7,051,144	526,396	24,557,854	41,842,613
100 to 199 "	32	4,665	9,814,561	555,059	22,304,307	43,809,573
200 to 499 "	38	23,712	61,542,545	5,043,549	117,064,832	245,151,368
500 and over	14	18,171	48,986,925	10,966,318	68,759,824	190,123,343
Head offices[2]	—	241	706,009	—	—	—
Totals	**565**	**54,894**	**138,023,228**	**17,780,194**	**286,450,275**	**566,267,994**

1. Totals for Greater Montreal do not include the non-ferrous smelting and refining industry.
2. Under this heading are included only those head offices which are not located at the plant.

TABLE 16. Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, Grouped According to the Number of Employees per Establishment, 1949 — Conc.

Group	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
			Windsor Metropolitan Area			
Under 5 employees	83	187	285,048	21,561	436,791	1,116,311
5 to 14 employees	85	724	1,500,711	99,924	2,722,636	5,737,695
15 to 49 "	55	1,451	3,259,075	205,078	6,082,568	13,274,102
50 to 99 "	25	1,709	4,249,883	233,597	10,442,019	18,786,347
100 to 199 "	20	2,694	6,571,779	308,546	14,157,724	33,261,650
200 to 499 "	21	6,397	17,262,653	1,880,011	27,554,509	66,414,086
500 and over	8	21,869	61,952,946	2,673,284	212,005,066	359,143,587
Head offices[1]	—	6	22,585	—	—	—
Totals	**297**	**35,037**	**95,104,680**	**5,422,001**	**273,401,313**	**497,733,778**
			Winnipeg Metropolitan Area			
Under 5 employees	329	684	986,487	73,793	2,454,651	4,198,014
5 to 14 employees	277	2,409	4,363,248	279,433	14,379,083	23,193,622
15 to 49 "	227	6,075	11,159,660	562,381	31,109,489	52,393,495
50 to 99 "	88	6,037	12,216,778	851,924	37,211,758	63,575,111
100 to 199 "	41	5,675	11,192,253	871,159	31,746,999	58,520,145
200 to 499 "	28	7,725	16,352,792	1,080,474	47,536,911	80,813,644
500 and over	5	5,718	14,824,667	736,739	77,997,229	100,259,811
Head offices[1]	—	187	637,430	—	—	—
Totals	**995**	**34,510**	**71,733,315**	**4,455,903**	**242,436,120**	**382,953,842**
			Vancouver Metropolitan Area			
Under 5 employees	501	1,088	1,626,257	113,882	2,829,937	5,890,844
5 to 14 employees	424	3,637	7,095,055	367,771	12,191,375	24,826,382
15 to 49 "	328	8,512	19,161,019	987,607	45,506,918	81,862,222
50 to 99 "	99	6,581	15,464,903	1,213,291	47,907,492	80,373,279
100 to 199 "	62	8,935	21,523,670	1,097,588	57,258,019	102,704,783
200 to 499 "	27	7,723	19,366,633	1,801,825	68,821,283	111,859,610
500 and over	9	5,988	15,500,486	613,998	32,081,394	61,502,107
Head offices[1]	—	328	1,707,973	—	—	—
Totals	**1,450**	**42,792**	**101,445,996**	**6,195,962**	**266,596,418**	**469,019,227**

1. Under this heading are included only those head offices which are not located at the plant.

TABLE 17. Statistics of Manufactures of Municipalities, each with a Gross Production of $1,000,000 or Over, and with Three or More Establishments, 1949

Note. Statistics for cities and towns with three or more establishments cannot be published when one establishment has 75 p.c. or two establishments 90 p.c. of the total production.

Province and Municipality	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Newfoundland:						
St. John's	105	2,224	3,575,183	344,511	8,428,284	15,783,998
Prince Edward Island:						
Charlottetown	39	608	1,603,340	112,707	5,528,009	7,740,143
Summerside	17	269	340,568	33,498	2,473,223	3,299,377
Nova Scotia:						
Amherst	23	918	1,595,739	200,965	3,239,360	6,344,651
Berwick	6	144	221,547	50,972	574,372	1,108,333
Bridgewater	21	207	311,952	26,485	736,759	1,488,222
Dartmouth	18	263	470,268	101,001	1,062,527	2,131,494
Digby	10	244	373,480	16,769	821,839	1,451,874
Glace Bay	16	203	274,709	27,530	552,211	1,248,856
Halifax	142	6,185	11,864,472	709,633	24,061,037	46,745,139
Hantsport	6	277	498,287	50,784	850,234	1,840,691
Lockeport	4	243	346,007	36,157	1,122,706	1,827,317
Lunenburg	16	586	1,047,238	72,500	2,812,998	4,674,239
Middleton	10	175	250,326	36,412	950,642	1,550,254
New Glasgow	24	924	1,747,027	292,824	2,138,721	5,666,534
North Sydney	13	311	457,583	40,694	965,830	2,809,102
Pictou	7	210	341,394	20,907	740,831	1,405,559
Shelburne	17	222	347,614	21,254	736,409	1,357,588
Sydney	39	5,996	15,607,185	3,581,924	26,403,138	53,409,044
Truro	40	1,356	1,974,415	206,831	4,695,827	8,259,544
Windsor	12	364	513,808	42,065	2,174,584	3,100,182
Yarmouth	27	871	1,368,876	140,303	3,445,803	6,288,097

TABLE 17. Statistics of Manufactures of Municipalities, each with a Gross Production of $1,000,000 or Over, and with Three or More Establishments, 1949 — Continued

Province and Municipality	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
New Brunswick:						
Campbellton	15	333	565,969	47,151	929,086	1,761,545
Fredericton	41	844	1,363,361	113,710	3,312,081	5,727,392
Moncton	50	3,683	7,601,900	472,270	17,774,762	29,927,582
Newcastle	12	178	270,961	49,515	1,322,156	1,667,187
Saint John	108	3,475	6,629,261	1,011,789	39,105,482	55,367,794
St. Stephen	15	548	864,407	60,854	2,212,900	3,881,828
Sussex	12	279	456,184	46,247	1,564,143	2,943,196
Woodstock	16	146	208,139	21,682	745,345	1,150,639
Quebec:						
Acton Vale	15	862	1,297,691	59,116	2,204,423	4,043,997
Asbestos	14	367	866,006	140,309	1,599,061	3,408,599
Beauharnois	15	1,654	4,182,032	1,256,646	7,088,254	18,481,208
Bedford	12	919	1,587,878	43,690	701,540	4,811,814
Beebe Plain	10	287	442,059	20,998	917,291	1,679,394
Berthier	17	723	1,065,226	133,950	2,356,869	4,596,237
Cabano	9	265	353,057	9,468	880,028	1,551,299
Cap de la Madeleine	34	2,427	4,785,262	1,029,864	15,265,057	28,861,045
Chambly Canton	10	444	893,592	77,314	1,435,204	2,780,449
Chicoutimi	29	438	709,251	58,424	1,688,164	3,036,292
Coaticook	22	1,089	1,799,024	108,551	4,405,417	7,575,531
Contrecoeur	9	302	373,289	9,932	876,131	1,447,601
Cookshire	9	189	287,481	24,205	618,085	1,680,274
Danville	12	151	222,115	50,755	555,087	929,169
Drummondville	44	8,272	16,599,463	1,630,908	17,473,201	56,100,047
Farnham	20	1,008	1,735,726	152,458	4,315,096	8,641,573
Granby	70	4,864	9,156,205	550,338	20,617,792	40,581,662
Grand'Mère	28	2,278	4,421,475	1,282,680	10,276,438	21,999,634
Grenville	4	137	253,294	32,627	937,312	1,275,608
Henryville	7	99	126,821	38,033	815,454	1,044,152
Hull	64	3,082	6,645,878	1,659,509	21,825,578	35,609,860
Huntingdon	14	686	1,575,287	116,887	4,976,496	8,136,524
Iberville	20	354	609,726	27,824	1,306,799	2,449,609
Joliette	57	2,098	3,483,672	433,059	7,365,878	14,493,896
Jonquière	19	503	1,153,116	242,750	3,009,619	4,902,108
Lachine	54	7,105	17,961,748	936,804	22,007,441	58,636,242
Lachute	12	287	543,147	124,847	1,393,140	2,135,725
La Pérade (Ste. Anne de)	13	267	380,079	95,048	1,759,629	2,557,753
Laprairie	20	383	675,043	169,571	531,485	1,928,945
La Salle	36	3,501	8,284,662	4,041,275	34,486,888	66,628,048
L'Assomption	17	497	834,126	25,834	2,419,753	3,823,861
Lennoxville	13	418	842,731	140,003	1,748,808	3,300,969
L'Epiphanie	15	299	471,676	31,133	949,846	1,799,638
Lévis	43	673	931,525	71,414	2,301,180	4,467,101
Longueuil	38	2,098	4,116,075	265,364	8,403,123	16,094,316
Loretteville	25	497	486,708	12,738	1,198,207	2,211,995
Louiseville	18	1,336	2,232,502	244,869	4,400,710	10,153,050
Marieville	19	570	815,692	47,084	2,484,930	3,998,474
Matane	20	326	643,866	20,875	1,302,277	2,628,596
Mégantic (Lac)	23	461	741,655	64,743	949,931	2,338,311
Mont Laurier	15	264	385,462	19,197	1,084,995	1,778,699
Montmagny	40	1,522	2,392,809	137,273	4,575,891	9,770,918
Montréal	4,136	184,779	399,943,526	16,487,474	847,444,669	1,596,713,694
Montréal Est	23	4,617	11,650,258	9,625,317	195,826,050	247,604,548
Nicolet	17	388	587,236	24,124	774,565	2,281,623
Outremont	24	1,437	3,388,521	112,313	13,545,029	23,610,561
Plessisville	20	810	1,618,619	73,479	2,257,142	4,375,407
Pointe aux Trembles	12	619	1,176,121	52,772	1,395,346	3,417,541
Portneuf Station	12	395	763,461	271,545	2,735,183	5,056,434
Princeville	10	331	540,870	55,689	3,788,641	4,695,749
Québec	427	15,130	26,412,265	3,350,026	67,141,900	121,416,191
Richmond	14	596	1,040,641	30,923	1,387,437	3,407,815
Rimouski	32	580	1,179,992	41,108	2,119,953	4,272,742
Rivière du Loup	23	431	805,204	68,943	922,625	1,998,474
Rock Island	17	668	1,203,565	55,925	1,070,034	4,088,270
St. Casimir	15	115	127,303	11,963	782,435	1,040,541
St. Césaire	28	361	441,194	37,481	1,342,815	2,077,786
Ste. Croix	10	203	299,644	11,570	681,062	1,192,965
St. Félicien	16	183	263,657	20,838	1,561,137	2,101,759
St. Félix de Valois	16	72	92,070	8,490	827,047	1,020,347
St. Gabriel de Brandon	22	294	352,992	13,278	650,701	1,267,657
St. Georges de Beauce	13	428	671,449	48,483	816,391	1,911,148
St. Georges Ouest	8	234	303,358	34,051	702,397	1,342,239
St. Germain de Grantham	7	34	45,586	23,392	906,767	1,081,317
St. Hyacinthe	87	4,937	8,408,460	486,480	20,810,668	36,763,993
St. Jacques	9	175	228,024	8,711	1,604,952	1,921,503
St. Jean	63	5,283	10,958,675	809,807	17,377,539	36,194,463
St. Jérôme (Terrebonne)	53	3,802	6,281,276	455,306	9,407,622	21,182,264
St. Lambert	16	764	1,264,320	94,772	2,552,765	5,283,293
St. Laurent	25	3,199	8,127,927	334,527	12,438,493	26,632,199
Ste. Marie	19	581	831,505	78,368	1,922,225	3,685,472
St. Michel de Laval	25	275	483,856	27,895	831,879	1,740,502
St. Pie	15	212	316,812	27,783	1,047,484	1,592,229
St. Pierre (Montreal Co.)	14	2,285	5,684,931	920,958	5,081,914	13,596,145
St. Rémi	11	233	373,027	40,632	2,261,865	3,139,955
Ste. Thérèse de Blainville	30	971	1,719,486	74,593	2,372,573	5,101,004
Shawinigan Falls	46	4,853	12,918,001	6,277,007	33,066,562	73,040,547
Shawville	9	98	140,742	14,707	939,707	1,227,191

TABLE 17. Statistics of Manufactures of Municipalities, each with a Gross Production of $1,000,000 or Over, and with Three or More Establishments, 1949 — Continued

Province and Municipality	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Quebec — concluded:						
Sherbrooke	103	7,976	15,224,410	1,069,186	30,765,468	65,017,661
Sorel	32	1,625	2,903,410	215,077	2,857,100	6,771,867
Sutton	11	184	276,644	27,960	831,764	1,233,954
Terrebonne	16	473	942,375	43,337	1,572,312	2,990,676
Thetford Mines	27	366	582,566	69,638	713,906	1,888,110
Three Rivers	85	6,969	16,283,070	5,785,029	36,088,761	84,353,551
Thurso	8	416	825,555	13,751	1,590,024	3,158,895
Trois Pistoles	18	229	389,208	17,475	1,816,618	2,746,247
Valleyfield	43	4,117	8,407,221	636,281	15,513,278	32,992,001
Verchères	15	117	155,811	62,891	959,515	1,160,535
Verdun	61	1,259	2,283,666	70,975	4,775,240	8,986,910
Victoriaville	49	2,407	4,007,075	135,221	7,717,527	14,560,965
Warwick	15	411	665,271	61,862	1,919,658	3,589,759
Waterloo	18	758	1,407,564	64,763	1,641,009	4,339,105
Westmount	15	1,939	4,509,080	261,841	5,541,427	14,397,017
Windsor (Mills)	12	1,094	2,780,421	760,639	6,161,292	11,682,078
Ontario:						
Acton	19	905	1,673,006	180,882	5,834,895	9,248,468
Almonte	13	361	735,729	104,631	2,645,790	3,751,008
Amherstburg	12	883	2,216,560	1,516,797	3,378,177	12,527,399
Arnprior	18	603	1,287,642	111,702	2,143,873	4,219,938
Aurora	14	625	1,287,913	71,406	4,855,663	6,860,943
Barrie	24	891	1,814,096	140,205	7,088,116	11,710,845
Beamsville	14	174	262,097	12,787	584,689	1,073,559
Belleville	52	3,030	6,892,471	1,201,676	8,233,437	23,543,116
Bloomfield	10	129	179,552	21,171	871,381	1,194,832
Bowmanville	18	1,013	2,380,207	182,907	4,043,578	8,758,775
Brampton	31	1,136	2,244,467	104,618	3,978,364	8,029,517
Brantford	153	13,650	31,822,897	1,673,327	66,909,382	129,421,325
Brockville	41	1,726	3,835,175	283,560	21,530,782	27,446,597
Burlington	14	588	1,269,180	84,788	3,515,613	6,571,354
Caledonia	10	351	710,646	214,276	2,954,450	5,076,528
Campbellford	21	398	750,575	51,173	2,109,953	4,057,917
Carleton Place	10	859	1,696,031	114,717	2,495,108	5,295,091
Chatham	71	3,572	8,481,186	917,631	42,355,739	62,387,458
Chesley	12	415	692,984	23,753	1,397,794	2,557,408
Clinton	11	180	267,875	26,562	812,072	1,424,867
Cobourg	33	1,071	2,031,344	176,297	3,716,097	7,730,100
Collingwood	18	1,089	2,238,457	105,080	2,669,896	5,836,564
Cornwall	50	6,502	15,065,273	2,823,800	21,118,242	52,612,076
Dresden	12	225	358,134	49,906	791,629	1,519,341
Dundas	33	1,466	3,132,365	181,968	2,595,411	8,303,145
Dunnville	22	924	1,696,837	97,969	4,445,881	7,045,926
Durham	14	263	511,868	36,297	927,726	1,737,096
Eastview	18	313	679,468	57,351	2,666,411	4,055,076
Elmira	21	790	1,580,335	140,323	3,790,904	7,915,575
Elora	7	385	751,939	22,207	864,973	2,284,703
Essex	15	336	592,294	73,119	1,574,426	2,546,777
Exeter	8	121	188,018	23,822	662,189	1,032,550
Forest	13	220	308,796	36,395	1,075,809	1,774,704
Fort Erie	16	809	2,312,346	48,920	4,771,888	10,542,617
Fort William	51	3,315	8,607,069	2,240,587	22,630,331	45,964,240
Galt	86	6,030	12,790,437	671,853	17,697,793	40,212,650
Gananoque	19	790	1,702,103	168,791	3,225,798	5,839,251
Georgetown	17	984	2,228,224	163,409	4,083,710	7,754,334
Goderich	17	507	1,024,094	224,355	7,873,954	10,990,438
Gravenhurst	9	334	618,457	20,223	1,021,021	2,254,473
Grimsby	18	597	1,032,995	62,288	1,828,441	4,037,526
Guelph	106	5,867	12,885,044	854,043	22,407,517	45,612,308
Hamilton	546	54,665	137,641,333	17,728,214	285,180,403	563,982,920
Hanover	25	1,123	2,073,203	87,994	2,977,585	5,711,385
Harriston	14	225	355,721	46,208	956,887	1,677,441
Hearst	8	166	407,978	9,973	1,184,416	1,759,002
Hespeler	20	2,144	4,116,626	407,971	6,272,992	13,945,422
Huntsville	17	515	964,589	65,835	4,222,463	6,044,522
Ingersoll	26	1,331	2,926,924	175,188	7,896,104	13,647,094
Jarvis	4	44	102,676	25,508	970,140	1,207,422
Kincardine	14	499	792,652	45,822	1,371,981	3,035,020
Kingston	65	5,556	12,240,266	1,117,253	21,944,949	49,993,267
Kitchener	197	14,821	31,922,441	1,531,470	75,502,759	141,680,659
Leamington	17	1,263	2,430,781	277,350	15,999,062	25,249,516
Leaside	51	7,873	19,334,136	956,625	40,701,833	83,732,170
Lindsay	38	999	1,629,592	136,071	4,138,275	7,022,625
Listowel	15	485	861,408	79,607	2,383,127	4,102,563
London	270	15,153	32,878,430	1,674,088	62,394,787	139,254,663
Long Branch	39	1,221	3,091,431	123,898	5,483,428	12,845,490
Lucknow	9	79	147,682	16,767	1,229,719	1,640,919
Meaford	18	445	767,659	40,852	1,141,846	2,493,395
Merritton	14	2,018	5,428,883	804,709	11,096,539	21,212,363
Midland	22	1,166	2,275,391	84,327	5,126,188	7,894,171
Milton	11	566	1,204,646	291,567	2,181,376	5,271,720
Milverton	9	239	436,242	16,286	777,033	1,519,720
Mimico	31	582	1,378,934	105,097	1,858,900	4,572,105
Mount Forest	15	253	366,721	27,072	1,067,737	1,747,597
Napanee	15	393	731,299	97,830	1,755,509	3,508,555
New Hamburg	12	277	497,485	29,705	950,532	1,837,521
New Liskeard	14	519	1,005,798	37,537	1,462,573	3,386,234

TABLE 17. Statistics of Manufactures of Municipalities, each with a Gross Production of $1,000,000 or Over, and with Three or More Establishments, 1949 — Continued

Province and Municipality	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Ontario — concluded:						
Newmarket	18	1,039	2,184,292	115,245	4,780,047	9,800,414
New Toronto	39	6,407	17,390,400	1,529,938	55,453,349	99,605,454
Niagara Falls	76	6,163	15,648,428	4,567,127	27,388,856	71,047,846
North Bay	32	568	1,291,095	101,267	2,053,094	4,566,981
Norwich	9	109	167,115	32,699	1,097,506	1,577,433
Oakville	41	1,348	2,862,932	218,833	5,137,216	11,386,660
Orangeville	13	216	334,974	30,414	1,110,333	1,722,003
Orillia	49	2,053	3,883,513	268,625	5,306,005	12,547,810
Oshawa	55	9,997	26,711,432	1,227,592	85,293,640	157,756,382
Ottawa	268	10,641	22,705,162	1,690,399	38,027,218	82,450,493
Owen Sound	54	2,461	4,984,826	266,353	6,184,888	15,096,738
Palmerston	10	83	133,792	14,404	1,429,738	1,682,302
Paris	23	1,256	2,552,021	123,105	5,789,567	10,303,860
Pembroke	36	1,052	1,939,857	94,602	3,470,083	6,932,199
Penetanguishene	14	454	752,980	42,962	852,950	2,009,901
Perth	28	950	1,642,368	91,048	3,359,578	7,262,743
Peterborough	99	9,591	23,586,512	1,099,333	61,596,796	100,033,462
Petrolia	14	433	853,959	491,073	6,293,935	8,136,536
Picton	16	186	244,792	19,692	773,319	1,254,660
Port Arthur	51	2,154	5,547,541	1,617,220	12,504,024	28,046,408
Port Dover	9	133	177,638	12,033	740,061	1,163,053
Port Elgin	9	225	365,973	15,634	596,288	1,055,921
Port Hope	25	1,132	2,755,107	319,888	3,348,041	9,263,946
Prescott	19	571	910,340	32,797	1,352,352	3,082,813
Preston	38	2,790	5,737,165	211,210	8,279,246	18,550,324
Renfrew	27	1,057	2,076,583	160,089	3,618,755	6,786,698
Ridgetown	12	253	522,845	21,753	709,283	1,948,860
St. Catharines	104	9,899	25,216,677	1,218,198	39,765,144	85,699,808
St. Marys	15	665	1,427,255	911,744	4,676,611	9,730,722
St. Thomas	44	2,117	4,354,257	253,307	7,636,983	15,047,837
Sarnia	46	7,153	18,874,114	9,332,026	90,804,548	145,303,109
Sault Ste Marie	54	6,941	19,835,965	5,876,359	51,345,242	95,209,534
Seaforth	13	333	543,240	31,625	1,992,006	2,734,282
Simcoe	28	1,345	2,827,203	183,117	12,514,910	18,636,553
Sioux Lookout	8	90	185,857	14,814	942,206	1,239,080
Southampton	9	347	723,486	26,033	954,254	2,009,995
Stratford	65	3,774	8,037,384	370,082	13,566,725	25,305,230
Strathroy	20	539	895,653	41,931	2,263,319	3,876,045
Streetsville	12	278	601,606	113,518	3,483,282	4,757,780
Sudbury	45	1,006	2,193,489	153,605	5,119,701	8,672,824
Swansea	8	772	1,896,938	229,408	3,232,200	6,707,365
Tavistock	11	192	282,692	25,993	1,964,812	2,436,544
Tecumseh	5	279	429,271	35,276	978,150	2,032,393
Teeswater	7	43	70,808	12,864	834,865	1,002,118
Thorold	25	2,216	7,026,807	2,827,642	14,946,803	32,646,053
Tilbury	13	628	1,258,744	95,454	1,289,494	2,341,056
Tillsonburg	29	718	1,313,977	166,254	8,449,658	11,501,997
Timmins	31	602	1,142,981	75,896	1,944,909	3,951,580
Toronto	4,005	158,562	368,510,524	17,003,151	837,148,440	1,579,186,450
Trenton	24	1,512	2,697,611	395,082	8,319,681	15,398,018
Tweed	10	135	208,271	15,426	845,202	1,410,254
Walkerton	17	503	862,408	37,396	1,364,361	2,541,196
Wallaceburg	24	2,595	6,077,696	1,131,744	12,362,194	24,945,583
Waterloo	54	2,647	5,904,002	350,546	11,252,507	29,096,975
Watford	9	101	193,456	25,164	626,526	1,110,415
Welland	63	8,061	22,331,790	3,628,936	43,425,050	91,869,763
Wellington	8	139	205,455	34,158	798,948	1,268,461
West Lorne	8	177	343,470	19,008	813,735	1,651,809
Weston	45	2,439	5,674,783	336,331	8,072,844	20,012,374
Whitby	11	370	543,900	36,015	1,089,503	1,877,922
Winchester	7	65	102,233	36,392	1,130,809	1,372,125
Windsor	283	34,591	94,304,627	5,373,123	271,392,923	494,162,203
Wingham	17	418	780,454	47,731	1,877,544	3,109,239
Woodbridge	8	327	692,493	134,991	5,734,711	7,831,733
Woodstock	70	3,663	7,438,499	352,818	18,529,457	35,933,463
Manitoba:						
Brandon	41	814	1,597,082	161,062	8,846,994	11,726,053
Dauphin	12	102	186,518	25,559	779,765	1,168,058
Neepawa	8	112	214,514	80,593	620,471	1,126,783
Portage la Prairie	19	260	368,534	33,501	967,047	1,787,659
St. Boniface	86	4,225	10,230,625	839,433	91,461,862	114,975,791
Winnipeg	860	28,687	58,604,162	3,166,077	143,827,270	255,006,806
Saskatchewan:						
Kamsack	10	59	76,169	11,395	708,826	1,130,101
Melville	9	71	112,285	18,247	1,918,114	2,212,335
Moose Jaw	48	1,446	3,385,161	609,792	36,098,036	43,606,428
North Battleford	13	155	270,184	30,242	886,497	1,477,567
Prince Albert	32	896	1,919,436	160,666	9,852,946	14,990,347
Regina	137	2,960	6,655,021	1,395,791	34,922,066	50,334,303
Saskatoon	109	2,524	5,370,416	615,426	39,359,918	51,882,127
Swift Current	12	208	441,103	55,600	1,470,029	2,222,197
Weyburn	9	83	134,357	20,049	876,769	1,191,122
Yorkton	17	206	380,400	65,502	1,532,016	2,351,365
Alberta:						
Athabaska	20	166	229,200	25,940	1,129,560	1,600,569

TABLE 17. Statistics of Manufactures of Municipalities, each with a Gross Production of $1,000,000 or Over, and with Three or More Establishments, 1949 — Concluded

Province and Municipality	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Alberta — concluded:						
Barrhead	11	103	160,010	16,276	1,115,265	1,382,902
Calgary	276	7,848	17,763,773	1,531,671	84,202,669	117,310,415
Camrose	11	68	147,193	11,053	836,133	1,108,200
Edmonton	287	8,544	16,958,562	864,171	80,588,620	117,123,100
Grande Prairie	19	281	461,753	53,918	1,537,726	2,646,244
Lethbridge	41	977	2,052,349	129,552	5,962,789	11,298,150
Medicine Hat	33	1,042	2,046,116	120,453	14,832,569	19,772,257
Red Deer	17	157	284,615	36,756	2,033,893	2,958,198
Wetaskiwin	10	72	129,954	13,411	1,180,875	1,420,186
British Columbia:						
Armstrong	12	133	262,201	25,352	528,503	1,031,646
Chilliwack	28	225	398,281	47,312	1,101,845	1,687,067
Cranbrook	22	411	891,725	71,054	1,632,624	3,007,859
Duncan	24	223	487,147	43,132	896,372	1,797,715
Fernie	8	117	212,350	27,523	388,502	1,102,919
Kamloops	27	393	767,892	61,887	1,211,451	2,529,717
Kelowna	33	743	1,433,674	92,875	2,985,989	5,727,496
Merritt	9	167	377,277	17,444	546,633	1,116,672
Mission	23	463	872,002	67,316	2,639,252	4,429,412
Nanaimo	24	405	963,017	79,474	1,495,907	3,798,826
Nelson	34	572	1,100,802	92,460	2,337,373	4,697,251
New Westminster	111	5,324	12,687,861	763,571	39,326,011	66,469,183
North Vancouver	53	1,994	5,254,652	255,452	7,144,473	15,894,016
Oliver	9	153	289,892	19,390	566,165	1,195,299
Penticton	17	237	426,524	27,269	800,501	1,721,820
Port Alberni	23	1,755	4,872,190	202,563	8,409,589	22,148,842
Prince George	98	889	1,726,052	147,158	4,383,731	7,730,334
Prince Rupert	24	622	1,367,747	82,251	3,540,851	5,880,384
Quesnel	36	236	381,329	41,625	700,588	1,404,972
Revelstoke	18	129	234,625	33,181	515,544	1,054,011
Vancouver	1,225	33,536	78,793,345	4,392,716	204,642,985	358,620,526
Vernon	38	374	698,294	66,833	1,531,203	2,771,490
Victoria	204	4,224	10,019,644	732,434	18,945,110	37,637,880

TABLE 18. Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1949

County	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Newfoundland:						
Division No. 1	176	2,609	4,052,020	385,733	9,539,916	17,728,163
Division No. 2	58	111	50,174	4,857	96,793	214,999
Division No. 3	6	8	2,253	249	5,130	11,291
Division No. 4	55	77	33,273	5,062	65,720	151,083
Division No. 5	40	1,711	6,214,694	1,481,524	12,865,636	28,245,741
Division No. 6	35	1,637	4,664,405	1,183,457	7,849,156	19,107,992
Division No. 7	194	347	232,194	35,533	361,819	871,454
Division No. 8	166	346	208,465	16,419	367,200	793,058
Division No. 9	63	88	28,358	4,499	76,803	140,501
Totals	**793**	**6,934**	**15,486,336**	**3,117,333**	**31,228,173**	**67,264,282**
Prince Edward Island:						
Kings	71	376	334,873	41,524	1,580,387	2,233,723
Prince	90	596	601,979	73,286	5,154,147	6,536,522
Queens	90	775	1,196,703	132,926	6,802,610	9,352,955
Totals	**251**	**1,747**	**2,133,555**	**247,736**	**13,537,144**	**18,123,200**
Nova Scotia:						
Annapolis	49	479	651,231	64,342	1,627,999	3,032,955
Antigonish	22	159	177,964	22,720	592,598	1,041,419
Cape Breton North	22	346	488,406	44,566	1,058,355	2,985,984
Cape Breton South	88	6,309	15,979,950	3,620,861	27,352,966	55,311,042
Colchester	109	1,969	2,690,572	257,026	6,908,638	11,987,898
Cumberland	97	1,623	2,556,260	372,937	6,009,751	11,661,939
Digby	105	894	1,041,005	82,363	2,335,248	4,472,163
Guysborough	45	364	343,665	39,776	1,244,502	1,979,894
Halifax	257	7,665	14,939,178	2,209,124	47,711,254	78,036,609
Hants	58	1,038	1,567,871	257,342	4,209,818	7,254,312
Inverness	64	297	222,377	18,527	784,618	1,349,033
Kings	74	654	887,831	120,131	2,716,446	4,400,000
Lunenburg	154	1,558	2,173,480	148,479	5,123,807	9,321,337
Pictou	104	2,725	5,489,520	792,043	14,149,468	26,143,428
Queens	30	1,101	2,688,386	1,133,845	4,403,903	12,862,028
Richmond	20	30	15,853	1,489	43,591	85,315
Shelburne	78	761	956,746	88,606	3,902,862	6,075,658
Victoria	24	67	47,846	4,524	157,759	245,006
Yarmouth	80	1,272	1,768,436	177,491	5,508,316	9,346,369
Totals	**1,480**	**29,311**	**54,686,577**	**9,456,192**	**135,841,899**	**247,592,389**

TABLE 18. Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1949 — Continued

County	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
New Brunswick:						
Albert	24	268	450,804	183,769	1,362,410	3,126,484
Carleton	57	600	839,369	69,243	2,476,300	3,871,325
Charlotte	70	2,783	4,323,461	396,256	10,283,393	17,504,980
Gloucester	117	1,889	3,481,947	1,001,842	9,659,241	18,793,959
Kent	53	389	289,766	30,647	1,230,071	1,974,005
Kings	59	511	742,340	64,605	2,699,751	4,640,637
Madawaska	48	1,023	2,599,944	881,020	7,085,592	14,902,385
Northumberland	77	922	1,218,156	94,090	3,566,408	5,452,755
Queens	36	329	515,783	158,019	1,206,189	2,270,978
Restigouche	59	2,111	5,474,974	2,886,748	14,200,773	32,462,777
St. John	141	5,100	10,377,818	1,783,472	47,943,806	72,908,320
Sunbury	9	28	27,870	2,325	103,828	169,661
Victoria	42	451	603,351	28,239	1,303,041	2,171,237
Westmorland	171	5,190	10,110,043	673,273	21,610,523	38,458,898
York	97	1,852	3,164,193	261,015	7,072,927	12,797,780
Totals	**1,060**	**23,446**	**44,219,819**	**8,514,563**	**131,804,253**	**231,506,191**
Quebec:						
Abitibi	188	1,288	1,978,846	166,177	5,158,141	8,854,075
Argenteuil	73	2,897	5,691,288	505,676	12,087,141	23,863,311
Arthabaska	136	3,486	5,651,073	287,720	15,451,932	25,662,264
Bagot	76	1,260	1,858,401	136,587	6,030,729	8,824,250
Beauce	183	2,387	3,206,932	257,048	7,974,433	14,223,234
Beauharnois	72	5,889	12,859,802	1,923,664	23,331,459	53,134,372
Bellechasse	87	394	445,680	45,540	2,680,760	3,431,968
Berthier	116	1,449	1,925,088	190,945	4,751,701	8,629,726
Bonaventure	102	594	656,106	56,103	2,115,671	3,221,046
Brome	40	310	415,217	48,286	1,531,905	2,188,079
Chambly	97	3,602	6,755,632	460,821	13,186,299	25,616,326
Champlain	220	6,959	13,019,286	3,265,659	40,360,254	76,192,777
Charlevoix East	45	544	1,283,269	757,337	1,861,791	6,377,932
Charlevoix West	39	106	116,353	10,893	431,660	648,147
Chateauguay	39	473	761,559	87,079	3,307,805	5,209,246
Chicoutimi	180	9,358	24,742,208	19,774,721	64,397,367	171,891,350
Compton	81	1,441	2,748,727	753,333	7,239,744	13,605,197
Deux Montagnes	51	248	313,316	46,192	1,417,550	2,020,877
Dorchester	103	669	933,377	100,729	4,391,369	6,078,666
Drummond	105	8,612	17,074,373	1,748,046	19,904,645	59,312,690
Frontenac	105	890	1,216,048	106,415	3,442,079	5,706,969
Gaspé East	112	1,000	1,639,478	400,908	4,644,027	7,534,892
Gaspé West	32	336	487,987	2,931	1,021,473	1,849,642
Gatineau	73	270	350,899	31,082	1,496,489	2,496,341
Hull	76	5,523	13,269,016	5,357,950	37,926,251	73,158,890
Huntingdon	30	735	1,636,443	126,442	5,247,751	8,533,963
Iberville	38	512	787,165	76,428	2,470,916	3,932,682
Jésus-Island	45	624	873,908	57,103	1,679,763	3,284,626
Joliette	127	2,679	4,593,437	758,689	11,762,966	21,151,297
Kamouraska	86	529	622,924	41,110	2,200,611	3,326,668
Labelle	93	677	953,873	52,824	3,063,505	4,766,295
Lac St. Jean East	75	1,349	3,580,706	2,512,395	12,222,861	28,552,728
Lac St. Jean West	155	1,248	2,435,325	1,024,506	8,597,200	16,757,676
Laprairie	35	1,023	2,160,382	680,660	3,829,205	8,965,087
L'Assomption	71	1,121	1,754,391	85,312	4,446,550	7,561,137
Lévis	96	2,612	4,352,770	285,294	7,724,293	16,416,358
L'Islet	96	738	970,296	55,254	2,255,756	4,239,527
Lotbinière	105	649	857,597	128,494	3,889,028	5,669,580
Madeleine Islands	25	358	191,770	27,879	1,474,506	1,890,009
Maskinongé	71	1,559	2,473,566	266,255	5,702,826	11,949,112
Matane	82	736	1,209,331	56,699	2,744,302	5,119,647
Matapédia	69	547	764,264	39,343	3,112,066	4,235,676
Mégantic	104	1,595	2,728,281	178,789	5,055,264	9,166,394
Missisquoi	70	3,604	6,343,703	505,065	11,786,180	28,474,131
Montcalm	60	338	412,433	27,895	2,617,088	3,278,985
Montmagny	80	1,722	2,635,621	162,429	5,624,469	11,264,851
Montmorency No. 1	46	795	1,821,922	1,232,417	4,437,671	11,577,112
Montmorency No. 2 (Ile d'Orléans)	14	38	42,668	5,333	241,963	390,267
Montreal	4,470	216,524	477,050,553	34,148,792	1,167,470,070	2,115,917,122
Napierville	30	378	543,406	71,207	3,292,943	4,485,778
Nicolet	118	870	1,116,276	102,969	4,971,577	7,343,174
Papineau	93	1,862	4,010,005	916,794	8,837,725	19,561,454
Pontiac	43	399	588,035	38,948	2,296,371	3,461,559
Portneuf	158	2,614	5,369,033	2,415,821	14,639,382	30,931,287
Québec	567	18,618	32,086,398	3,768,271	86,876,974	152,328,650
Richelieu	72	2,645	5,014,139	342,513	5,995,282	12,964,273
Richmond	77	2,520	5,467,947	1,157,032	11,538,588	22,362,784
Rimouski	144	1,179	1,930,187	141,416	5,157,977	8,760,179
Rivière-du-Loup	115	919	1,520,865	123,488	4,460,844	7,091,498
Rouville	89	1,326	1,835,046	239,668	6,055,640	9,629,904
Saguenay	63	1,105	3,111,456	492,482	13,540,976	23,302,475
Shefford	141	6,080	11,358,490	684,497	25,525,296	50,268,565
Sherbrooke	124	8,447	16,145,185	1,234,379	32,658,698	68,609,705
Soulanges	24	69	89,142	18,406	1,268,353	1,456,711
Stanstead	106	5,024	9,415,891	923,122	39,857,398	57,147,727
St. Hyacinthe	152	5,414	9,010,177	544,119	23,382,604	40,481,938
St. Jean	87	5,498	11,200,132	838,574	18,288,669	37,711,098
St. Maurice	188	12,030	29,455,645	12,084,387	70,203,024	158,878,518
Témiscamingue	92	2,206	5,253,537	2,523,618	50,622,807	64,593,792

TABLE 18. Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1949 — Continued

County	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Quebec — concluded:						
Témiscouata	82	785	1,131,261	47,674	3,608,514	5,646,852
Terrebonne	196	5,931	10,108,963	763,885	17,032,155	35,765,923
Vaudreuil	48	267	321,657	28,933	1,077,494	1,695,538
Verchères	63	1,050	1,882,583	300,336	7,136,540	12,362,570
Wolfe	69	487	669,158	152,222	1,905,018	2,936,896
Yamaska	59	255	290,666	61,802	1,763,309	2,565,078
Totals	**11,579**	**390,275**	**809,579,270**	**109,073,812**	**2,027,793,643**	**3,788,497,123**
Ontario:						
Addington	33	190	288,067	28,237	1,711,942	2,354,685
Algoma	134	7,538	20,876,934	5,929,142	54,246,632	99,873,252
Brant	197	15,062	34,641,225	1,837,405	74,886,114	142,341,585
Bruce	157	2,597	4,307,637	264,810	10,979,414	18,288,233
Carleton	364	11,416	24,126,271	1,882,322	43,263,430	90,880,231
Cochrane	142	4,295	11,907,911	3,367,737	25,393,823	64,446,490
Dufferin	31	283	412,811	47,163	2,087,268	2,856,308
Dundas	49	650	1,165,711	169,761	7,359,278	10,355,852
Durham	83	2,424	5,575,311	532,806	8,946,536	20,205,639
Elgin	103	2,928	5,800,444	477,864	29,254,746	40,666,324
Essex	402	38,313	101,518,038	7,423,645	304,059,436	550,012,961
Frontenac	116	5,705	12,414,298	1,171,830	23,751,188	52,175,660
Glengarry	76	315	368,939	78,111	3,146,470	3,878,841
Grenville	60	1,408	2,509,058	641,177	9,552,745	16,135,320
Grey	204	4,714	8,887,015	523,245	15,345,234	30,310,899
Haldimand	62	1,523	2,946,695	450,119	10,511,399	17,906,592
Haliburton	37	411	647,217	30,910	1,097,227	2,143,725
Halton	125	4,605	9,600,403	966,743	21,634,435	41,722,183
Hastings	239	7,183	13,997,268	2,133,740	26,989,935	58,539,859
Huron	142	1,884	3,228,582	473,468	17,714,216	24,885,365
Kenora	80	1,765	4,435,516	737,949	25,550,783	37,306,096
Kent	184	7,533	17,070,947	2,301,523	59,320,669	95,648,946
Lambton	128	8,082	20,476,641	9,931,608	101,349,189	159,380,891
Lanark	138	3,679	7,039,924	517,684	14,443,440	27,886,730
Leeds	135	2,744	5,779,649	495,570	27,261,455	36,249,218
Lennox	42	664	1,144,755	306,944	3,464,093	6,208,370
Lincoln	201	13,781	34,105,814	2,238,018	59,241,797	122,574,176
Manitoulin	30	99	108,359	15,306	529,989	753,922
Middlesex	365	16,660	35,662,029	1,910,461	72,428,226	154,382,478
Muskoka	86	1,259	2,139,805	131,025	6,144,837	10,227,576
Nipissing	104	1,652	3,421,762	429,890	6,568,114	14,028,517
Norfolk	87	2,031	3,947,967	289,370	27,709,106	36,193,138
Northumberland	138	1,996	3,480,457	291,070	9,808,251	17,182,267
Ontario	146	11,111	28,817,687	1,436,140	89,478,716	165,400,862
Oxford	216	6,662	13,468,294	1,247,238	45,481,179	76,174,718
Parry Sound	115	1,053	1,817,898	216,213	4,442,120	9,554,108
Peel	114	6,836	16,749,201	2,073,477	34,220,934	65,035,208
Perth	173	5,561	11,355,048	1,521,720	28,324,426	49,063,342
Peterborough	155	9,845	23,961,709	1,152,435	63,482,115	102,938,307
Prescott	101	887	1,830,055	695,680	6,478,819	10,741,061
Prince Edward	74	789	935,404	124,544	4,482,843	6,277,651
Rainy River	60	1,013	2,967,947	569,925	6,622,974	14,584,477
Renfrew	215	3,713	6,981,439	528,514	14,244,948	26,352,582
Russell	72	225	237,054	49,543	2,315,665	2,746,005
Simcoe	227	6,101	11,516,149	715,487	24,748,349	44,886,911
Stormont	88	6,833	15,769,076	3,038,587	26,048,304	59,074,879
Sudbury	153	8,488	23,989,868	12,306,049	75,756,876	171,659,601
Thunder Bay	236	7,390	19,395,482	6,109,980	53,898,450	111,489,556
Timiskaming	119	1,375	2,515,434	160,086	4,788,637	9,307,115
Victoria	95	1,343	2,102,836	196,230	5,961,989	9,776,150
Waterloo	507	30,087	63,543,023	3,456,407	129,265,548	260,803,371
Welland	284	22,188	59,634,280	14,613,346	211,979,613	372,521,079
Wellington	221	8,259	17,848,692	1,163,826	36,013,026	68,878,842
Wentworth	629	56,720	141,849,641	18,067,535	291,080,221	578,018,731
York	4,467	185,247	434,066,811	21,300,752	991,347,011	1,880,002,889
District of Patricia	10	75	157,946	25,536	240,738	515,060
Totals	**12,951**	**557,190**	**1,305,544,434**	**138,795,903**	**3,256,454,918**	**6,103,804,834**
Manitoba:						
Division No. 1	57	195	226,150	39,936	1,153,331	1,636,100
Division No. 2	47	339	504,012	104,546	3,113,203	4,692,881
Division No. 3	25	101	136,709	22,172	1,090,872	1,356,831
Division No. 4	10	36	56,922	8,601	202,301	290,205
Division No. 5	53	3,165	6,592,198	1,145,422	17,897,592	33,029,776
Division No. 6	988	33,708	70,387,883	5,273,369	241,144,606	382,292,232
Division No. 7	62	873	1,673,405	177,516	9,283,532	12,324,725
Division No. 8	15	89	130,702	17,023	1,150,880	1,449,155
Division No. 9	40	2,142	4,114,986	795,870	5,688,884	12,966,390
Division No. 10	23	168	275,498	88,402	1,213,505	1,869,487
Division No. 11	18	75	109,882	20,024	978,264	1,230,128
Division No. 12	35	100	109,270	26,003	1,283,743	1,604,560
Division No. 13	30	158	242,675	32,093	1,160,531	1,667,781
Division No. 14	41	177	209,289	18,905	1,244,917	1,705,763
Division No. 15	27	65	72,563	12,954	596,129	824,237
Division No. 16	49	565	1,246,236	462,083	11,899,208	15,741,661
Totals	**1,520**	**41,956**	**86,088,380**	**8,244,919**	**299,101,498**	**474,681,912**

TABLE 18. Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1949 – Concluded

County	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Saskatchewan:						
Division No. 1	21	136	257,683	38,294	862,948	1,512,918
Division No. 2	14	96	152,630	22,089	891,499	1,229,539
Division No. 3	8	36	38,576	3,058	31,949	93,047
Division No. 4	13	71	106,441	14,676	426,593	649,756
Division No. 5	30	148	209,456	34,245	2,782,751	3,303,469
Division No. 6	154	2,998	6,705,188	1,401,942	35,117,759	50,631,654
Division No. 7	54	1,457	3,396,951	610,669	36,102,293	43,628,607
Division No. 8	20	230	470,670	59,053	1,483,427	2,285,160
Division No. 9	72	401	612,558	98,435	3,198,472	4,894,763
Division No. 10	14	72	97,236	11,448	977,487	1,169,679
Division No. 11	124	2,572	5,430,268	623,166	39,711,788	52,368,143
Division No. 12	13	51	78,523	12,530	591,386	722,358
Division No. 13	16	80	137,424	26,502	449,368	723,029
Division No. 14	174	612	781,636	70,911	2,124,804	4,003,919
Division No. 15	84	1,036	2,080,809	213,027	10,875,443	16,375,157
Division No. 16	67	284	384,586	50,571	1,921,733	2,797,709
Division No. 17	66	561	1,333,307	745,802	26,799,641	29,353,801
Division No. 18	18					
Totals	**962**	**10,841**	**22,273,942**	**4,036,418**	**164,349,341**	**215,742,708**
Alberta:						
Division No. 1	42	1,142	2,201,005	131,347	15,512,504	21,084,493
Division No. 2	95	1,714	3,411,622	312,882	10,381,735	18,922,823
Division No. 3	14	569	1,262,407	86,637	1,999,032	4,739,627
Division No. 4	28	411	876,450	113,808	5,277,508	7,989,829
Division No. 5	8	29	38,661	7,691	254,878	350,925
Division No. 6	369	9,061	20,644,356	3,150,697	89,916,706	135,457,769
Division No. 7	28	109	176,249	28,585	1,818,738	2,191,117
Division No. 8	85	510	895,178	110,003	7,041,585	9,108,883
Division No. 9	124	683	1,035,129	92,695	3,560,052	5,538,742
Division No. 10	47	219	430,980	116,248	3,366,051	4,772,202
Division No. 11	371	9,131	20,243,782	1,333,164	99,342,443	140,331,024
Division No. 12	167	956	1,230,515	119,506	3,079,221	5,798,865
Division No. 13	41	131	165,808	24,485	1,154,509	1,688,951
Division No. 14	100	616	920,819	91,935	4,734,757	6,484,531
Division No. 15	67	490	620,951	78,758	1,708,864	3,000,308
Division No. 16	90	577	829,338	92,204	2,084,266	4,138,793
Division No. 17	9	77	132,304	59,120	131,210	396,238
Totals	**1,685**	**26,425**	**55,115,554**	**5,949,765**	**251,364,059**	**371,995,120**
British Columbia:						
Division No. 1	105	1,335	2,558,016	277,861	5,531,021	10,730,475
Division No. 2	164	6,585	17,676,098	3,268,620	91,399,730	136,560,056
Division No. 3	273	2,973	5,320,604	431,229	10,746,121	21,602,545
Division No. 4	1,743	51,126	120,732,431	8,166,698	328,657,511	574,331,401
Division No. 5	454	11,506	28,948,384	3,273,595	50,353,977	110,585,929
Division No. 6	173	1,481	2,755,049	253,614	5,919,185	11,482,386
Division No. 7	33	3,200	9,551,995	1,854,651	16,404,307	52,980,923
Division No. 8	439	2,936	5,190,735	402,213	11,034,096	20,751,962
Division No. 9	58	1,507	3,206,944	238,838	10,105,102	18,158,772
Division No. 10	51	285	463,466	63,092	961,279	1,823,639
Totals	**3,493**	**82,934**	**196,403,722**	**18,230,411**	**531,112,329**	**959,008,088**
Yukon and Northwest Territories:						
Totals	**18**	**148**	**359,068**	**128,750**	**643,807**	**1,377,453**

APPENDIX I

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1949

Montreal Metropolitan Area

Industry	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Foods and Beverages:						
Biscuits and crackers	9	1,814	2,728,341	219,603	9,698,012	18,288,422
Bread and other bakery products	152	4,888	9,315,254	906,567	16,941,998	33,172,294
Butter and cheese	12	2,173	4,716,294	414,414	14,557,254	23,259,663
Carbonated beverages	28	1,348	2,860,497	223,891	5,987,333	20,134,160
Confectionery	43	2,424	4,151,498	266,771	14,474,664	27,956,861
Dairy products, other	6	174	349,969	64,691	1,183,123	2,199,259
Distilled liquors	4	1,248	3,195,367	474,685	7,868,100	21,517,853
Feeds, stock and poultry	12	544	1,070,432	89,092	20,957,745	24,488,196
Fruit and vegetable preparations	38	932	1,552,707	140,648	5,911,729	9,369,748
Malt liquors	6	2,440	7,049,513	710,416	11,293,573	36,993,740
Miscellaneous foods	63	1,795	3,508,586	287,439	35,416,254	51,220,966
Sausage and sausage casings	20	229	413,244	45,998	1,911,035	2,826,203
Slaughtering and meat packing	22	2,628	6,628,966	576,607	91,654,717	108,607,074
Allother industries [1]	23	2,716	6,984,622	1,494,889	76,470,528	96,056,183
Totals	**438**	**25,353**	**54,525,290**	**5,915,711**	**314,326,065**	**476,090,622**
Tobacco and Tobacco Products	26	6,033	13,347,003	209,984	41,496,760	79,982,656
Rubber Products	11	2,469	6,601,583	298,399	6,055,307	13,268,416
Leather Products:						
Belting	5	90	157,065	12,450	475,893	768,837
Boots and shoes	80	7,687	13,239,574	173,965	20,490,068	40,115,094
Boot and shoe findings	11	94	192,273	9,110	244,411	615,122
Gloves and mittens	19	673	954,456	12,119	1,563,298	3,130,717
Miscellaneous leather products	90	2,233	3,457,114	47,806	4,562,232	10,126,415
Tanneries	5	130	252,461	17,435	515,635	877,214
Totals	**210**	**10,907**	**18,252,943**	**272,885**	**27,851,537**	**55,633,399**
Textile Products (Except Clothing):						
Bags, cotton and jute	10	534	917,593	33,374	8,181,569	9,995,006
Canvas products	14	250	466,070	11,839	859,772	1,536,709
Cotton thread	3	689	1,194,197	66,126	4,238,211	7,098,900
Cotton yarn and cloth	4	3,566	7,301,232	469,294	10,804,256	22,479,441
Dyeing and finishing of textiles	22	865	1,907,172	253,675	731,823	4,549,497
Embroidery	90	1,283	2,107,035	19,196	1,337,087	4,917,675
Laces, tapes and bindings	15	498	920,525	30,027	1,151,545	2,442,384
Miscellaneous cotton goods	5	179	348,086	34,926	968,232	1,662,324
Miscellaneous textiles	70	1,713	3,047,080	110,935	9,030,284	15,153,560
Miscellaneous woollen goods	3	72	131,652	19,531	316,596	570,912
Oilcloth, linoleum and other coated fabrics	6	1,535	4,070,849	255,256	10,541,342	18,234,763
Synthetic textiles and silk [1 2]	3	779	2,965,183	5,966	296,599	667,991
Woollen cloth	5	109	388,424	1,787	296,823	447,845
Woollen yarn	3	120	180,823	5,617	245,672	479,608
All other industries [2]	3	122	198,888	2,617	599,340	953,669
Totals	**256**	**12,314**	**26,144,809**	**1,320,166**	**49,599,151**	**91,190,284**
Clothing,(Textile and Fur):						
Clothing, children's	81	3,430	5,195,621	51,578	10,600,377	19,333,952
Clothing contractors, men's	85	1,747	2,977,907	27,994	346,891	3,997,768
Clothing contractors, women's	51	1,007	1,480,256	18,136	94,787	1,990,369
Clothing, men's factory	282	11,905	23,156,616	212,405	51,165,529	94,750,685
Clothing, women's factory	524	17,569	32,833,309	256,677	66,007,270	127,046,123
Corsets and allied garments	11	586	845,125	6,624	995,908	2,643,163
Fur dressing and dyeing	7	893	1,958,023	61,535	622,231	3,682,588
Fur goods	252	2,759	5,853,991	70,768	17,258,024	27,302,089
Hats and caps	68	2,170	4,090,826	78,820	5,166,425	11,993,369
Hosiery	13	998	1,707,367	33,977	1,703,138	4,024,392
Knitted goods	45	1,936	3,249,014	72,232	5,687,590	10,659,408
Miscellaneous clothing [3]	33	661	989,987	15,649	2,235,069	4,187,323
Oiled and waterproofed clothing	9	260	468,121	5,048	1,491,757	2,856,791
Totals	**1,461**	**45,921**	**84,806,163**	**911,443**	**163,374,996**	**314,468,020**
Wood Products:						
Boxes and baskets	7	443	805,145	33,895	1,000,422	2,270,072
Cooperage	4	55	105,788	3,123	362,695	598,838
Furniture	192	4,666	9,377,371	273,678	13,225,767	28,903,302
Lasts, trees and other wooden shoe findings	6	321	605,600	16,467	351,067	1,239,983
Miscellaneous wood products	50	378	686,116	31,574	1,087,907	2,148,497
Planing mills, sash and door factories	58	928	1,962,313	122,072	4,849,271	7,940,014
Woodturning	4	28	55,837	1,999	63,454	116,341
All other industries [4]	11	465	914,710	55,719	1,376,960	3,103,647
Totals	**332**	**7,284**	**14,512,880**	**538,527**	**22,317,543**	**46,320,694**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1949

Montreal Metropolitan Area—Continued

Industry	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
Paper Products:						
Boxes and bags	29	2,777	5,123,849	160,616	12,681,846	21,659,382
Miscellaneous paper products	43	1,168	2,071,439	69,806	4,019,995	7,834,139
All other industries [5]	7	2,278	6,962,269	434,834	7,685,439	18,156,108
Totals	**79**	**6,223**	**14,157,557**	**665,256**	**24,387,280**	**47,649,629**
Printing, Publishing and Allied Industries:						
Engraving, electrotyping and stereotyping	25	780	2,237,203	45,438	951,400	4,476,805
Lithographing	9	685	1,847,785	33,714	2,397,001	5,620,800
Printing and bookbinding	310	4,936	11,364,401	239,016	8,431,166	26,079,060
Printing and publishing	26	4,267	11,663,683	193,417	9,354,300	32,153,982
Publishing (only) of periodicals	251	1,686	3,452,280	—	6,949,813	15,816,069
Trade composition	9	231	604,418	10,513	101,549	1,112,504
Totals	**630**	**12,585**	**31,169,770**	**522,098**	**28,185,229**	**85,259,220**
Iron and Steel Products:						
Boilers, tanks and platework	10	1,057	2,917,233	140,322	3,358,478	7,813,716
Fabricated and structural steel	7	2,331	6,135,999	283,282	9,542,506	22,395,119
Hardware, tools and cutlery	39	2,044	4,024,283	212,418	4,451,220	14,658,801
Heating and cooking apparatus	11	934	2,302,833	98,959	3,673,701	7,537,757
Iron castings	10	2,160	5,783,839	415,409	7,989,182	19,214,049
Machinery, industrial	34	4,057	10,172,786	430,332	10,466,217	28,891,158
Machinery, household, office and store	11	650	1,282,986	29,611	548,044	2,968,860
Machine shops	65	1,174	2,752,406	104,578	1,387,716	5,421,292
Miscellaneous iron and steel products	45	692	1,428,974	52,435	1,115,035	3,312,163
Primary iron and steel	5	2,757	7,107,592	1,304,816	9,406,317	23,249,275
Sheet metal products	53	4,397	10,258,566	392,845	19,662,262	38,226,940
Wire and wire goods	22	1,534	3,664,726	310,648	4,147,047	15,738,112
Totals	**312**	**23,787**	**57,832,223**	**3,775,655**	**75,747,725**	**189,427,242**
Transportation Equipment:						
Automobile parts	14	195	399,419	23,311	345,067	1,009,801
Bicycles and parts	4	72	112,377	4,112	125,564	271,077
Boatbuilding	6	17	25,981	1,594	10,330	43,848
Miscellaneous transportation equipment	4	87	137,987	4,968	156,720	349,921
Railroad and rolling stock equipment	11	15,499	40,377,465	2,286,618	64,803,033	120,892,776
Shipbuilding and repairs	5	2,326	6,464,464	295,561	9,249,354	19,368,663
All other industries [6]	7	6,265	15,855,164	484,924	20,563,809	44,518,486
Totals	**51**	**24,461**	**63,372,857**	**3,101,088**	**95,253,877**	**186,454,572**
Non-ferrous Metal Products [13]:						
Aluminum products	13	751	2,102,604	27,190	434,540	1,175,667
Brass and copper products	33	2,694	6,283,556	561,501	28,312,362	40,150,095
Jewellery and silverware	64	1,477	2,586,651	25,544	3,474,995	8,323,845
White metal alloys	13	323	853,436	71,386	9,488,512	11,868,477
All other industries	2	40	89,927	1,880	66,367	201,838
Totals [13]	**125**	**5,285**	**11,916,174**	**687,501**	**41,776,776**	**61,719,922**
Electrical Apparatus and Supplies:						
Machinery, heavy electrical	9	781	1,642,078	28,571	1,477,718	4,788,743
Miscellaneous electrical products [7]	29	10,591	26,269,066	673,270	25,904,489	74,515,953
Radios and radio parts	9	2,080	5,486,086	136,439	6,907,905	14,506,426
Refrigerators, vacuum cleaners and appliances	16	1,127	2,421,969	77,179	5,030,891	10,906,409
Totals	**63**	**14,579**	**35,819,199**	**915,459**	**39,321,003**	**104,717,531**
Non-metallic Mineral Products:						
Cement products	31	745	1,390,868	262,277	2,928,643	6,147,094
Glass products	26	1,891	3,841,142	1,135,178	4,699,472	12,019,620
Miscellaneous non-metallic mineral products	14	168	382,280	51,150	834,797	1,916,446
Stone products	12	222	525,596	60,029	451,922	1,593,694
All other industries [8]	9	1,438	3,657,875	3,054,826	4,857,471	18,524,645
Totals	**92**	**4,464**	**9,797,761**	**4,563,460**	**13,772,305**	**40,201,499**
Products of Petroleum and Coal [9]	7	2,954	8,119,175	8,893,601	120,489,874	158,561,162
Chemicals and Allied Products:						
Adhesives	7	177	360,117	35,058	1,272,306	2,355,280
Gases, compressed	7	251	655,106	68,332	382,471	2,540,328
Inks, writing and printing	9	96	213,969	10,817	407,077	962,065
Medicinal and pharmaceutical preparations	74	3,215	6,993,037	237,925	7,953,376	25,935,979
Miscellaneous chemical products	43	1,068	2,957,748	160,563	4,864,343	9,981,950
Paints and varnishes	28	2,750	6,078,158	224,853	13,954,449	27,704,704
Polishes and dressings	13	232	446,264	30,001	1,708,233	2,797,019
Soaps, washing and cleaning compounds	25	441	982,103	67,427	1,842,031	4,353,319
Toilet preparations	27	576	1,008,424	23,498	2,156,086	4,948,242
All other industries [10]	10	1,021	3,098,994	185,418	14,728,129	20,052,331
Totals	**243**	**9,827**	**22,793,920**	**1,043,892**	**49,268,501**	**101,631,217**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1949

Montreal Metropolitan Area—Concluded

Industry	Establishment	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
Miscellaneous Manufacturing Industries:						
Artificial flowers and feathers	19	430	591,454	5,466	769,169	1,737,731
Brooms, brushes and mops	21	412	575,582	21,261	1,021,492	2,027,852
Buttons	20	501	850,404	20,625	1,186,961	2,677,762
Candles	7	138	205,721	12,495	300,228	723,598
Fountain pens and pencils	4	232	339,976	7,054	805,733	1,911,397
Hair goods, human and animal	8	50	104,137	1,960	428,457	607,618
Ice, manufactured	9	73	199,164	81,594	50,123	694,307
Lamps, electric and lamp shades	15	352	576,888	11,191	963,940	1,957,131
Pipes, and other smokers' supplies	6	163	283,614	6,889	590,597	963,829
Plastic products, fabricated	18	313	525,653	31,039	1,838,720	2,791,780
Scientific and professional instruments and equipment	17	401	875,952	16,481	1,411,182	3,155,708
Signs, neon and other	6	211	513,516	12,683	190,576	1,104,055
Sporting goods	8	266	406,067	11,725	563,901	1,204,974
Stamps and stencils, rubber and metal	9	84	178,753	4,588	58,914	321,038
Statuary, art goods and novelties	35	353	549,593	13,660	528,828	1,320,574
Toys and games	9	388	745,226	38,386	849,673	1,655,280
All other industries [11]	7	423	877,336	28,985	628,647	2,461,654
Totals	**218**	**4,790**	**8,399,036**	**326,082**	**12,187,141**	**27,316,288**
Grand Totals, Metropolitan Montreal [13]	**4,554**	**219,236**	**481,568,343**	**33,961,207**	**1,125,411,070**	**2,079,892,373**

1. Includes: Breakfast foods, 2; cheese, processed, 4; feed and chopping mills, 2; flour mills, 3; macaroni and spaghetti, 4; malt and malt products, 4; rice mills, 1; sugar refineries, 2; wines, 1.
2. Includes: Automobile accessories, fabric, 2; carpets, mats and rugs, 1.
3. Also, gloves and mittens, 1.
4. Includes: Coffins and caskets, 2; excelsior, 1; hardwood flooring, 2; plywood and veneer, 1; sawmills, 2; wood preservation, 1; woodenware, 2.
5. Includes: Pulp and paper mills, 3; roofing paper, 4.
6. Includes: Aircraft and parts, 5; automobiles, 2.
7. Also, batteries, 2.
8. Includes: Asbestos products, 2; brick and tile, 1; cement, Portland, 1; clay products from imported clay, 2; gypsum products, 1; lime, 1; sand-lime brick, 1.
9. Includes: Coke and gas products, 2; lubricating oils and greases, 1; petroleum refining and products, 4.
10. Includes; Acids, alkalies and salts, 2; coal-tar distillation, 2; fertilizers, 2; plastics, primary, 2; vegetable oil mills, 2.
11. Includes: Miscellaneous industries, 2; musical instruments, 2; typewriter supplies, 1; umbrellas, 2.
12. Includes Head Offices of establishments located outside Metropolitan Montreal.
13. Exclusive of non-ferrous smelting and refining industry.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1949

Toronto Metropolitan Area

Industry	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Foods and Beverages:						
Animal oils and fats	4	108	262,971	50,240	577,862	1,046,512
Biscuits and crackers	7	1,628	2,800,117	143,210	5,526,530	13,201,867
Bread and other bakery products	211	5,590	11,429,904	960,223	17,580,519	37,179,490
Breakfast foods	3	8	5,500	404	18,148	29,592
Butter and cheese	7	1,825	4,493,338	333,114	11,554,184	19,612,554
Carbonated beverages	22	1,159	2,316,387	195,439	4,337,132	13,467,780
Cheese, processed	4	98	185,083	11,217	2,104,825	2,537,292
Confectionery	45	4,206	7,293,442	422,170	22,601,213	42,362,953
Dairy products, other	3	35	60,338	8,846	199,761	316,909
Distilled liquors	3	359	1,032,226	143,495	4,228,586	8,413,358
Feeds, stock and poultry	13	561	1,378,425	109,758	12,879,104	16,330,066
Feed and chopping mills	7	16	17,799	5,070	480,080	534,377
Fruit and vegetable preparations	29	1,169	2,558,895	170,476	12,114,471	19,987,270
Macaroni and spaghetti	3	71	151,497	13,738	488,029	768,303
Malt liquors	4	1,037	3,139,908	202,205	5,394,887	20,605,327
Miscellaneous foods	64	1,968	4,380,057	193,920	27,541,842	39,809,905
Sausage and sausage casings	14	134	267,862	24,651	2,018,295	2,517,661
Slaughtering and meatpacking	22	4,830	13,068,386	793,752	144,738,294	175,440,499
Wines	5	137	379,085	9,887	483,700	1,434,932
All other industries [1]	6	612	1,646,949	301,750	16,720,355	20,485,967
Totals	**476**	**25,551**	**56,868,169**	**4,093,565**	**291,587,817**	**436,082,614**
Tobacco and Tobacco Products	5	201	427,627	6,631	632,967	1,283,030
Rubber Products	11	6,016	15,321,369	1,006,675	25,354,528	58,421,025

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1949

Toronto Metropolitan Area—Continued

Industry	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
Leather Products:						
Belting	5	71	136,430	2,620	317,403	430,667
Boots and shoes	29	1,586	2,966,016	32,546	4,311,189	8,385,124
Gloves and mittens	7	56	86,450	2,816	90,815	198,780
Miscellaneous leather products [2]	71	1,649	2,879,796	42,190	4,003,823	8,312,047
Tanneries	4	635	1,569,425	139,273	5,318,176	8,196,096
Totals	**116**	**3,997**	**7,638,117**	**219,445**	**14,041,406**	**25,522,714**
Textile Products (Except Clothing):						
Automobile accessories, fabric	3	34	50,304	3,130	108,004	192,025
Bags, cotton and jute	4	127	233,269	9,259	2,249,370	2,696,417
Canvas products	18	310	499,232	17,291	1,362,613	2,033,318
Carpets, mats and rugs	5	554	1,181,009	82,941	1,746,985	4,977,884
Dyeing and finishing of textiles	10	319	754,665	58,046	254,132	1,768,805
Embroidery	32	365	711,450	11,096	630,372	1,821,722
Laces, tapes and bindings	12	209	346,954	9,923	601,311	1,157,704
Miscellaneous textiles	39	899	1,690,532	44,052	4,840,260	7,888,633
Miscellaneous woollen goods	17	445	1,236,871	72,361	9,148,613	11,539,829
Oilcloth, linoleum and other coated fabrics	3	543	1,442,091	83,515	3,638,875	7,071,401
Woollen cloth	7	729	1,545,612	66,340	4,329,668	6,861,902
Woollen yarn	5	808	1,720,421	83,142	3,681,761	6,159,903
All other industries [3]	7	429	888,927	28,992	2,341,676	3,603,942
Totals	**162**	**5,771**	**12,301,337**	**570,088**	**34,933,640**	**57,773,485**
Clothing (Textile and Fur):						
Clothing, children's	35	786	1,272,926	17,448	1,815,230	3,935,715
Clothing contractors, men's	16	193	409,759	3,973	68,638	533,880
Clothing contractors, women's	21	173	257,018	8,058	60,055	402,522
Clothing, men's factory	106	6,867	13,951,937	116,580	24,955,639	46,049,568
Clothing, women's factory	271	7,390	15,710,927	122,141	24,946,928	49,426,919
Corsets and allied garments	15	933	1,426,904	10,294	2,052,558	4,688,854
Fur dressing and dyeing	5	313	625,436	26,937	245,170	1,274,324
Fur goods	200	1,875	4,872,765	50,728	12,368,401	20,087,443
Hats and caps	59	1,136	2,236,030	37,664	2,573,582	6,165,197
Hosiery	12	962	2,230,029	37,975	2,179,492	5,533,355
Knitted goods	43	2,649	4,617,145	149,794	9,451,195	16,880,924
Miscellaneous clothing [4]	20	392	702,614	7,321	1,105,545	2,283,895
Oiled and waterproofed clothing	4	164	314,810	2,280	455,945	985,164
Totals	**807**	**23,833**	**48,628,300**	**591,193**	**82,278,378**	**158,247,760**
Wood Products:						
Boxes and baskets	12	428	831,925	14,667	1,453,598	3,126,680
Coffins and caskets	3	139	327,724	9,685	305,084	712,302
Furniture	215	3,967	8,723,549	219,939	14,770,426	29,430,980
Hardwood flooring	3	218	608,665	24,499	897,699	1,821,536
Miscellaneous wood products	70	590	1,155,324	36,818	1,328,497	3,137,517
Planing mills, sash and door factories	50	1,080	2,431,692	80,301	5,554,688	9,625,354
Sawmills	5	35	80,573	1,055	108,650	215,445
Woodenware	3	12	19,100	416	39,554	65,602
Woodturning	7	28	50,469	2,223	47,100	113,028
All other industries [5]	4	95	173,394	8,081	293,498	574,520
Totals	**372**	**6,592**	**14,402,415**	**397,684**	**24,798,794**	**48,822,964**
Paper Products:						
Boxes and bags	46	3,905	8,722,321	251,706	22,185,646	37,499,163
Miscellaneous paper products [6]	63	3,131	7,076,443	312,886	13,435,465	27,037,816
Pulp and paper mills	7	1,144	4,507,038	1,056,430	7,614,933	14,396,793
Totals	**116**	**8,180**	**20,305,802**	**1,621,022**	**43,236,044**	**78,933,772**
Printing, Publishing and Allied Industries:						
Engraving, stereotyping and electrotyping	41	1,904	6,173,931	100,078	2,151,061	10,727,033
Lithographing	25	1,389	3,446,066	53,406	3,947,533	10,663,337
Printing and bookbinding	347	7,851	17,615,977	335,967	18,850,852	49,920,608
Printing and publishing	39	6,371	17,641,044	414,278	17,999,385	49,504,652
Publishing (only) of periodicals	294	1,220	1,845,970	—	5,349,277	9,209,143
Trade composition	18	320	966,147	10,466	119,612	1,510,918
Totals	**764**	**19,055**	**47,689,135**	**914,195**	**48,417,720**	**131,535,691**
Iron and Steel Products:						
Boilers, tanks and platework	10	2,426	6,994,751	338,111	8,202,032	22,445,670
Bridge and structural steel	4	937	2,745,036	78,781	5,265,734	11,460,102
Hardware, tools and cutlery	77	2,599	6,063,491	282,093	5,498,248	16,357,535
Heating and cooking apparatus	22	1,661	4,170,135	134,603	4,671,327	14,993,730
Iron castings	19	2,148	5,798,583	305,229	6,407,548	17,329,428
Machinery, household, office and store	22	2,282	5,788,543	127,098	13,352,255	29,619,321
Machinery, industrial [7]	62	7,199	20,825,158	662,577	39,031,983	83,519,415
Machine shops	79	905	1,945,766	60,066	1,321,710	4,754,013
Miscellaneous iron and steel products	54	997	2,211,922	57,578	1,183,028	4,497,183
Sheet metal products	62	4,756	11,632,867	525,375	21,628,763	40,230,044
Wire and wire goods	22	340	744,094	58,644	1,840,707	3,767,201
Totals	**433**	**26,250**	**68,920,346**	**2,630,155**	**108,403,335**	**248,973,642**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1949

Toronto Metropolitan Area—Concluded

Industry	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
Transportation Equipment:						
Automobile parts	32	3,263	7,780,594	359,765	10,650,343	24,163,732
Railroad and rolling stock equipment	4	1,164	2,954,946	108,082	3,819,867	7,540,683
All other industries [8]	9	1,903	4,590,814	181,447	4,998,649	11,629,112
Totals	**45**	**6,330**	**15,326,354**	**649,294**	**19,468,859**	**43,333,527**
Non-ferrous Metal Products:						
Aluminum products	26	1,704	4,007,541	239,411	3,881,408	12,715,241
Brass and copper products	38	2,496	7,026,538	550,593	20,056,614	32,480,595
Jewellery and silverware	87	2,287	5,019,002	118,673	18,108,271	26,261,372
Miscellaneous non-ferrous metal products	7	549	1,296,918	27,521	1,505,892	3,635,265
White metal alloys	13	1,301	2,855,523	293,695	12,909,285	17,851,094
Totals	**171**	**8,337**	**20,205,522**	**1,229,893**	**56,461,470**	**92,943,567**
Electrical Apparatus and Supplies:						
Batteries	5	1,409	3,699,954	170,209	13,910,778	23,264,149
Machinery, heavy electrical	21	5,304	14,220,353	401,425	16,608,819	43,179,229
Miscellaneous electrical products	60	4,719	11,582,354	425,149	22,100,085	48,220,409
Radios and radio parts	26	2,648	5,649,840	102,833	9,518,812	20,336,722
Refrigerators, vacuum cleaners and appliances	35	2,726	6,623,932	322,754	18,713,010	36,189,531
Totals	**147**	**16,806**	**41,776,433**	**1,422,370**	**80,851,504**	**171,190,040**
Non-metallic Mineral Products:						
Cement products	42	592	1,430,833	134,723	2,242,511	5,944,520
Clay products from imported clays	5	68	145,559	11,575	322,605	795,967
Glass products	33	605	1,305,865	58,627	1,462,374	3,459,724
Miscellaneous non-metallic mineral products	11	254	636,759	48,819	1,882,177	3,266,016
Sand-lime brick	3	129	307,858	53,956	246,503	1,016,103
Stone products	23	553	1,452,634	213,593	2,099,656	5,524,052
Clay products from domestic clay	10	465	1,256,219	494,799	76,937	2,474,537
All other industries [9]	4	190	511,575	162,555	754,787	1,680,136
Totals	**131**	**2,856**	**7,047,302**	**1,178,647**	**9,087,550**	**24,161,055**
Products of Petroleum and Coal [10]	8	2,299	5,911,581	1,571,021	22,183,223	35,270,271
Chemicals and Allied Products:						
Acids, alkalies and salts	4	166	519,603	139,601	1,215,932	2,503,842
Adhesives	10	372	887,835	150,213	1,853,679	3,339,718
Gases, compressed	10	378	1,055,573	117,501	446,126	2,626,136
Inks, writing and printing	17	580	1,695,933	50,322	3,505,595	7,763,671
Medicinal and pharmaceutical preparations	66	2,308	4,572,358	137,271	6,613,187	19,562,993
Miscellaneous chemical products	55	638	1,552,626	215,534	9,343,869	15,351,105
Paints and varnishes	37	1,834	4,720,648	227,753	16,786,016	33,726,441
Polishes and dressings	24	306	562,723	20,458	1,984,189	3,938,930
Soaps, washing and cleaning compounds	31	2,342	6,034,647	532,532	18,599,376	41,134,032
Toilet preparations	40	793	1,454,666	25,317	3,507,753	10,681,744
Vegetable oil mills	3	281	810,351	252,177	15,383,310	20,352,599
All other industries [11]	5	275	731,006	231,352	3,528,386	6,500,822
Totals	**302**	**10,273**	**24,597,969**	**2,100,031**	**83,267,418**	**167,482,033**
Miscellaneous Manufacturing Industries:						
Artificial flowers and feathers	11	166	234,050	2,961	235,290	595,516
Brooms, brushes and mops	10	407	859,742	10,531	1,215,335	3,151,261
Buttons	6	187	396,429	7,290	314,750	915,226
Fountain pens and pencils	6	636	1,346,710	16,386	1,045,538	5,036,441
Hair goods, animal and human	6	64	128,289	2,132	272,675	496,675
Ice, manufactured	17	164	376,820	135,837	46,262	1,986,070
Lamps, electric and lampshades	23	578	1,019,630	25,987	1,389,536	3,173,164
Miscellaneous industries [12]	10	265	498,707	12,008	500,022	1,574,437
Musical instruments	11	359	754,812	25,466	1,110,956	2,079,423
Pipes and other smokers' supplies	3	273	559,901	8,565	893,940	2,851,940
Plastic products, fabricated	31	1,459	2,696,476	67,039	3,680,789	8,528,768
Scientific and professional instruments and equipment	31	2,743	6,868,027	207,643	9,360,085	22,344,567
Signs, neon and other	9	298	713,830	26,053	543,095	1,833,362
Sporting goods	14	845	1,515,576	28,926	1,277,045	3,294,694
Stamps and stencils, rubber and metal	10	294	634,368	10,508	367,736	1,239,314
Statuary art goods and novelties	38	463	839,964	17,575	1,009,169	2,525,999
Toys and games	25	800	1,512,739	32,739	2,266,330	5,015,274
Typewriter supplies	5	275	608,316	17,669	1,153,532	2,607,333
Umbrellas	3	91	141,542	903	290,344	561,325
Totals	**269**	**10,367**	**21,705,928**	**656,218**	**26,972,429**	**69,810,789**
Grand Totals, Metropolitan Toronto	**4,335**	**182,714**	**429,073,706**	**20,858,127**	**971,977,082**	**1,849,787,979**

1. Includes: Flour mills, 4; malt and malt products, 2.
2. Also, leather boot and shoe findings, 1.
3. Includes: Cordage, rope and twine, 1; cotton thread, 1; cotton yarn and cloth, 2; miscellaneous cotton goods, 2; synthetic textiles and silk, 1.
4. Also, gloves and mittens, 1.
5. Includes: Cooperage, 2; excelsior, 1; lasts, trees and other wooden shoe findings, 1.
6. Also, roofing paper, 2.
7. Also, agricultural implements, 3.
8. Includes: Aircraft and parts, 2; automobiles, 1; bicycles and parts, 3; miscellaneous transportation equipment, 1; shipbuilding and repairs, 2.
9. Includes: Abrasive products, 2; asbestos products, 1; glass, cut, plate and ornamental, 1.
10. Includes: Coke and gas products, 1; lubricating oils and greases, 5; petroleum refining and products, 2.
11. Includes: Coal tar distillation, 2; fertilizers, 2; primary plastics, 1.
12. Also, candles, 1.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1949

Hamilton Metropolitan Area

Industry	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of production
	No.	No.	$	$	$	$
Foods and Beverages:						
Biscuits and crackers	3	157	219,861	31,793	398,449	866,692
Bread and other bakery products	49	1,349	2,668,817	207,806	3,559,021	7,665,615
Carbonated beverages	13	207	409,175	48,310	828,827	1,933,254
Confectionery	9	229	423,084	21,191	1,041,461	2,725,196
Feed and chopping mills	3	7	11,963	2,069	156,654	182,930
Fruit and vegetable preparations	12	827	1,567,363	89,854	3,996,303	5,977,816
Miscellaneous foods	11	345	504,883	23,337	2,331,640	3,485,660
Slaughtering and meat packing	6	628	1,393,964	129,768	17,381,032	21,882,732
All other industries [1]	9	396	996,188	77,636	2,264,616	4,599,555
Totals	**115**	**4,145**	**8,195,298**	**631,764**	**31,958,003**	**49,319,444**
Leather Products [2]	5	20	36,421	1,079	73,382	144,968
Textile Products (Except Clothing):						
Canvas products	3	52	81,274	1,029	63,600	163,049
Cotton yarn and cloth	5	2,124	3,905,622	281,962	9,238,807	10,558,425
All other industries [3]	11	592	1,255,466	89,901	3,119,477	5,661,279
Totals	**19**	**2,768**	**5,242,362**	**372,892**	**12,421,884**	**22,382,753**
Clothing, (Textile and Fur):						
Clothing, men's factory	7	941	1,491,327	20,862	2,029,909	3,939,230
Fur goods	7	32	76,685	2,700	168,761	316,707
Hosiery	3	1,232	2,511,900	78,356	2,019,027	5,761,405
Knitted goods	6	2,274	3,686,787	137,389	5,073,583	10,721,729
All other industries [4]	4	102	164,610	2,701	199,678	441,007
Totals	**27**	**4,581**	**7,931,309**	**242,508**	**9,490,958**	**21,180,078**
Wood Products:						
Furniture	14	96	168,188	7,526	137,951	349,050
Miscellaneous wood products	6	31	81,032	2,745	47,705	145,235
Planing mills, sash and door factories	7	150	307,347	21,685	757,056	1,346,570
All other industries [5]	9	165	307,278	10,040	491,553	1,063,457
Totals	**36**	**442**	**863,845**	**41,996**	**1,434,265**	**2,904,312**
Paper Products:						
Boxes and bags	12	675	1,375,697	58,506	4,934,479	7,610,579
Miscellaneous paper products [6]	10	839	1,950,621	96,879	4,953,807	10,630,782
Totals	**22**	**1,514**	**3,326,318**	**155,385**	**9,888,286**	**18,241,361**
Printing, Publishing and Allied Industries:						
Engraving, stereotyping and electrotyping	6	116	381,387	5,781	99,877	696,168
Printing and bookbinding	49	587	1,446,234	38,316	1,983,678	4,314,180
Publishing (only) of periodicals	19	250	80,401	–	194,804	319,296
All other industries [7]	5	518	1,354,845	28,184	1,428,028	4,245,914
Totals	**79**	**1,471**	**3,262,867**	**72,281**	**3,706,387**	**9,575,558**
Iron and Steel Products:						
Hardware, tools and cutlery	16	482	1,163,623	75,278	1,348,707	3,834,052
Iron castings	4	427	1,110,999	61,588	2,124,770	3,871,519
Machinery, household, office and store	5	779	1,826,225	34,551	2,528,701	5,065,887
Machinery, industrial	8	952	2,699,887	129,558	3,511,436	13,294,717
Machine shops	11	104	223,365	8,901	85,823	394,151
Miscellaneous iron and steel products	11	109	189,570	8,544	156,199	460,770
Primary iron and steel	10	9,811	30,105,473	9,651,900	68,027,230	122,146,020
Sheet metal products	18	1,403	3,578,042	195,944	9,877,365	15,360,926
Wire and wire goods	15	2,693	7,266,840	437,824	6,713,211	24,696,551
All other industries [8]	9	4,368	11,516,939	627,415	15,166,260	31,226,403
Totals	**107**	**21,128**	**59,680,963**	**11,231,583**	**109,539,702**	**220,370,996**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1949

Hamilton Metropolitan Area—Concluded

Industry	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of production
	No.	No.	$	$	$	$
Transportation Equipment[9]	8	2,636	7,614,268	534,565	30,950,570	46,758,386
Non-ferrous Metal Products:						
Brass and copper products	10	599	1,528,867	65,665	2,014,284	4,773,967
Jewellery and silverware	6	496	1,323,307	28,756	785,225	2,328,549
Miscellaneous non-ferrous metal products	3	19	39,655	70	48,414	113,308
All other industries[10]	6	259	701,630	80,533	1,260,743	2,392,938
Totals	**25**	**1,373**	**3,593,459**	**175,024**	**4,108,666**	**9,608,762**
Electrical Apparatus and Supplies[11]	20	7,885	20,821,316	719,635	23,106,885	65,547,239
Non-metallic Mineral Products:						
Cement products	15	121	213,686	22,482	208,497	566,078
All other industries[12]	27	2,219	5,426,366	1,090,920	4,710,749	15,249,869
Totals	**42**	**2,340**	**5,640,052**	**1,113,402**	**4,919,246**	**15,815,947**
Products of Petroleum and Coal[13]	5	796	2,289,434	1,679,817	13,932,032	24,908,270
Chemicals and Allied Products:						
Miscellaneous chemical products	7	81	248,200	11,637	647,644	1,342,056
Polishes and dressings	4	49	94,636	5,075	284,465	634,972
Toilet preparations	4	57	99,013	1,809	172,244	351,122
All other industries[14]	17	1,044	3,045,414	459,990	14,974,951	22,944,736
Totals	**32**	**1,231**	**3,487,263**	**478,511**	**16,079,304**	**25,272,886**
Miscellaneous Manufacturing Industries:						
Brooms, brushes and mops	6	410	701,462	18,031	1,066,533	2,712,763
Sporting goods	3	15	22,300	720	26,000	57,080
All other industries[15]	10	151	269,926	29,457	170,040	693,872
Totals	**19**	**576**	**993,688**	**48,208**	**1,262,573**	**3,463,715**
All other Major Groups	4	1,988	5,044,365	281,544	13,578,132	30,773,319
Grand Totals, Metropolitan Hamilton	**565**	**54,894**	**138,023,228**	**17,780,194**	**286,450,275**	**566,267,994**

1. Includes: Butter and cheese, 2; feeds, stock and poultry, 1; flour mills, 1; macaroni and spaghetti, 1; malt liquors, 1; other dairy products, 1; sausage and sausage casings, 1; wines, 1.
2. Includes: Belting, leather, 2; miscellaneous leather goods, 3.
3. Includes: Bags, cotton and jute, 2; carpets, mats and rugs, 1; cordage, rope and twine, 1; cotton thread, 1; dyeing and finishing of textiles, 1; embroidery, 1; miscellaneous textiles, 1; miscellaneous woollen goods, 2; wool yarn, 1.
4. Includes: Clothing, women's factory, 1; corsets and allied garments, 1; hats and caps, 2.
5. Includes: Boxes and baskets, wood, 2; coffins and caskets, 2; cooperage, 1; hardwood flooring, 1; sawmills, 2; woodturning, 1.
6. Also, roofing paper, 2.
7. Includes: Lithographing, 2; printing and publishing, 1; trade composition, 2.
8. Includes: Agricultural implements, 2; boilers, tanks and platework, 2; bridge and structural steel work, 1; hardwood flooring, 2; machine tools, 2.
9. Includes: Automobiles, 1; automobile supplies, 3; boatbuilding, 1; railroad and rolling stock equipment, 3.
10. Includes: Aluminum products, 4; white metal alloys, 2.
11. Includes: Batteries, 2; machinery, heavy electrical, 2; miscellaneous electrical products, 7; radios and parts, 5; refrigerators, vacuum cleaners and appliances, 4.
12. Includes: Abrasive products, 3; asbestos products, 2; clay products from domestic clays, 5; clay products from imported clay, 4; glass products, 5; miscellaneous non-metallic mineral products, 3; stone products, 5.
13. Includes: Coke and gas products, 3; lubricating oils and greases, 2.
14. Includes: Acids, alkalies and salts, 1; coal tar distillation, 1; fertilizers, 1; gases, compressed, 2; medicinal and pharmaceutical preparations, 2; paints and varnishes, 2; soaps, washing and cleaning compounds, 7; vegetable oil mills, 1.
15. Includes: Ice, artificial, 2; miscellaneous industries, 1; scientific and professional instruments and equipment, 2; stamps and stencils, rubber and metal, 2; statuary, art goods and novelties, 1; toys and games, 2.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1949

Windsor Metropolitan Area

Industry	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of production
	No.	No.	$	$	$	$
Foods and Beverages:						
Bread and other bakery products	20	524	1,005,126	102,448	1,536,221	3,198,632
Butter and cheese	5	592	1,252,020	124,898	2,934,900	5,026,266
Carbonated beverages	6	91	161,719	23,509	364,658	858,336
Fruit and vegetable preparations	4	249	327,934	15,083	859,154	1,511,071
Malt liquors	3	282	750,526	62,304	1,266,117	4,788,343
Miscellaneous foods	6	42	53,374	5,109	186,085	292,714
Slaughtering and meatpacking	3	149	308,020	38,589	4,917,328	5,181,321
All other industries[1]	7	836	2,290,353	272,917	7,547,488	24,527,764
Totals	**54**	**2,765**	**6,149,072**	**644,857**	**19,611,951**	**45,384,447**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1949

Windsor Metropolitan Area — Concluded

Industry	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of production
	No.	No.	$	$	$	$
Textile Products (Except Clothing)[2]	7	965	2,182,051	61,932	3,996,077	7,639,402
Clothing (Textile and Fur):						
Fur goods	3	11	25,800	1,300	17,700	58,200
All other industries[3]	4	149	198,966	4,595	407,572	795,159
Totals	**7**	**160**	**224,766**	**5,895**	**425,272**	**853,359**
Wood Products:						
Furniture	8	78	180,341	6,610	341,350	631,731
Miscellaneous wood products	7	21	39,265	1,490	40,071	102,886
Planning mills, sash and door factories	8	78	191,980	14,684	231,548	480,754
All other industries[4]	5	94	172,830	7,222	278,197	545,187
Totals	**28**	**271**	**584,416**	**30,006**	**891,166**	**1,760,558**
Printing, Publishing and Allied Industries:						
Printing and bookbinding	26	219	493,287	14,105	424,319	1,244,951
Publishing (only) of periodicals	8	3	3,351	—	16,471	20,366
All other industries[5]	3	398	1,172,701	21,768	962,577	3,409,778
Totals	**37**	**620**	**1,669,339**	**35,873**	**1,403,367**	**4,675,095**
Iron and Steel Products:						
Hardware, tools and cutlery	15	493	1,546,282	48,364	1,047,974	3,708,925
Iron castings	8	1,047	2,321,200	257,259	2,482,252	7,220,767
Machinery, industrial	8	325	838,317	17,900	831,190	2,713,930
Machine shops	4	53	118,515	5,475	76,414	297,465
Miscellaneous iron and steel products	9	608	2,012,118	246,712	3,442,974	8,336,484
Sheet metal products	7	438	1,203,164	31,197	2,143,607	4,146,603
All other industries[6]	12	2,478	6,577,175	271,896	8,990,199	24,681,688
Totals	**63**	**5,442**	**15,116,771**	**878,803**	**19,014,610**	**51,105,862**
Transportation Equipment[7]	23	21,993	62,280,055	2,521,672	217,031,803	353,111,390
Non-ferrous Metal Products:						
Brass and copper products	5	120	318,547	13,840	376,782	1,147,615
Jewellery and silverware	3	43	98,854	685	129,438	289,225
All other industries[8]	3	20	39,516	3,647	439,723	571,635
Totals	**11**	**183**	**456,917**	**18,172**	**945,943**	**2,008,475**
Non-metallic Mineral Products:						
Cement products	6	145	377,188	63,312	780,382	1,649,009
Miscellaneous non-metallic mineral products	3	59	138,524	12,260	241,460	593,837
All other industries[9]	5	281	745,659	222,162	861,653	3,418,758
Totals	**14**	**485**	**1,261,371**	**297,734**	**1,883,495**	**5,661,604**
Chemicals and Allied Products:						
Medicinal and pharmaceutical preparations	10	954	2,334,158	47,698	4,249,680	14,188,544
Miscellaneous chemical products	7	32	76,446	5,793	237,904	573,880
Soaps, washing and cleaning compounds	8	28	60,874	4,009	151,973	280,500
Toilet preparations	3	23	40,770	1,695	57,147	143,283
All other industries[10]	6	552	1,470,008	804,623	1,189,227	5,432,781
Totals	**34**	**1,589**	**3,982,256**	**863,818**	**5,885,931**	**20,618,988**
Miscellaneous Manufacturing Industries[11]	14	382	702,359	39,708	625,259	2,147,934
All other major groups[12]	5	182	495,307	23,531	1,686.439	2,766,664
Grand Totals, Windsor Metropolitan Area	**297**	**35,037**	**95,104,680**	**5,422,001**	**273,401,313**	**497,733,778**

1. Includes: Breakfast foods, 1; confectionery, 1; distilled liquors, 1; feeds, stock and poultry, 1; other dairy products, 1; sausage and sausage casings, 2.
2. Includes: Automobile accessories, fabric, 2; bags, cotton and jute, 2; canvas products, 1; miscellaneous cotton goods, 1; miscellaneous textiles, 1.
3. Includes: Clothing, childrens, 1; clothing, men's factory, 1; gloves and mittens, 2.
4. Includes: Boxes and baskets, wood, 2; coffins and caskets, 1; sawmills, 1; woodturning, 1.
5. Includes: Lithographing, 1; printing and publishing, 1; trade composition, 1.
6. Includes: Agricultural implements, 2; fabricated and structural steel, 2; heating and cooking apparatus, 1; machinery, household, office and store, 2; machine tools, 1; primary iron and steel, 1; wire and wire goods, 3.
7. Includes: Automobiles, 3; automobile parts, 20.
8. Includes: Aluminum products, 2; white metal alloys, 1.
9. Includes: Glass products, 3; salt, 1; stone products, 1.
10. Includes: Acids, alkalies and salts, 1; gases, compressed, 1; paints and varnishes, 3; polishes and dressings, 1.
11. Includes: Artificial flowers and feathers, 1; buttons, 1; ice, manufactured, 2; musical instruments, 1; plastic products, 1; signs, neon and other, 1; scientific and professional instruments and equipment, 1; sporting goods, 2; stamps and stencils, rubber and metal, 1; statuary, art goods and novelties, 2; toys and games, 1.
12. Includes: Rubber products, 1; paper products — boxes and bags, 1; miscellaneous paper products, 1; electrical apparatus and supplies — batteries, 1; miscellaneous electrical products, 1.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1949

Winnipeg Metropolitan Area

Industry	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Food and Beverages:						
Bread and other bakery products	55	1,261	2,290,611	243,336	3,587,789	7,655,537
Breakfast foods	3	23	34,468	3,243	329,334	725,229
Butter and cheese	11	1,174	2,465,472	234,956	8,273,201	12,566,077
Carbonated beverages	12	350	669,407	99,588	1,855,567	5,249,746
Confectionery	12	468	772,600	35,249	1,884,608	3,738,685
Feeds, stock and poultry	17	319	753,582	57,673	4,854,513	5,879,348
Feed and chopping mills	4	47	118,643	5,437	278,665	336,918
Flour mills	3	517	987,645	117,234	19,933,850	21,471,617
Fruit and vegetable preparations	9	215	364,141	30,909	1,218,344	1,966,433
Macaroni and spaghetti	3	63	117,148	12,442	406,185	766,810
Malt liquors	6	606	1,497,861	172,420	1,835,122	7,924,037
Miscellaneous foods	19	432	777,639	46,504	7,926,953	9,390,300
Sausage and sausage casings	6	117	230,404	21,339	1,883,992	2,354,947
Slaughtering and meatpacking	12	2,820	7,595,646	459,429	84,554,577	99,758,623
All other industries[1]	9	778	1,704,139	415,204	9,510,894	15,672,944
Totals	**181**	**9,190**	**20,379,406**	**1,955,013**	**148,338,594**	**195,957,301**
Leather Products:						
Boots and shoes	6	226	314,684	8,015	873,207	1,318,211
Gloves and mittens	11	218	320,744	3,708	611,052	1,144,980
Miscellaneous leather goods[2]	14	235	453,988	17,396	1,026,054	1,685,152
Totals	**31**	**679**	**1,089,416**	**29,119**	**2,510,313**	**4,148,343**
Textile Products (Except Clothing):						
Bags, cotton and jute	4	189	406,184	17,768	4,844,632	5,425,187
Canavas products	5	55	86,829	3,909	299,567	429,557
Miscellaneous cotton goods	5	48	66,571	1,497	226,577	365,681
All other industries[3]	5	440	619,401	35,816	381,816	1,409,278
Totals	**19**	**732**	**1,178,985**	**58,990**	**5,752,592**	**7,629,703**
Clothing (Textile and Fur):						
Clothing, children's	9	279	427,499	7,145	340,656	1,623,263
Clothing, men's factory	36	2,317	3,379,755	52,026	8,443,381	14,110,806
Clothing, women's factory	32	1,928	3,798,051	38,659	8,192,159	14,274,612
Fur dressing and dyeing	4	240	523,591	11,723	154,322	928,899
Fur goods	61	808	1,678,410	19,296	4,051,700	6,599,041
Hats and caps	12	265	411,828	5,958	545,128	1,201,837
Knitted goods	6	210	331,799	7,225	701,519	1,294,940
All other industries[4]	5	63	79,524	928	35,885	140,683
Totals	**165**	**6,110**	**10,630,457**	**142,960**	**22,964,750**	**40,174,081**
Wood Products:						
Boxes and baskets	6	260	476,034	25,521	728,752	1,455,619
Furniture	70	1,311	2,504,798	87,276	4,953,404	9,469,467
Miscellaneous wood products	13	90	134,080	4,514	160,516	465,330
Planing mills, sash and door factories	19	588	1,160,823	34,473	1,644,530	3,610,607
Woodenware	3	20	27,473	1,756	34,110	74,654
All other industries[5]	10	144	249,297	11,392	500,837	971,764
Totals	**121**	**2,413**	**4,652,505**	**164,932**	**8,022,149**	**16,047,441**
Paper Products:						
Boxes and bags	8	554	1,174,824	48,633	4,106,807	6,581,565
Miscellaneous paper products[6]	7	222	412,493	78,844	909,615	2,302,834
Roofing paper	4	152	309,771	41,400	1,378,748	3,091,340
Totals	**19**	**928**	**1,897,088**	**168,877**	**6,395,170**	**11,975,739**
Printing, Publishing and Allied Industries:						
Engraving, stereotyping and electrotyping	6	241	695,992	11,576	155,658	1,100,298
Printing and bookbinding[7]	73	1,744	3,409,178	74,278	3,148,649	8,998,869
Printing and publishing	25	1,357	3,036,459	82,060	2,779,029	9,740,616
Publishing (only) of periodicals	86	162	254,794	—	878,249	1,464,685
Trade composition	3	11	28,250	810	12,950	54,459
Totals	**193**	**3,515**	**7,424,673**	**168,724**	**6,974,535**	**21,358,927**
Iron and Steel Products:						
Agricultural implements	9	430	847,694	47,394	1,785,360	3,204,573
Hardware, tools and cutlery	6	41	59,888	2,539	64,540	168,900
Iron castings	8	725	1,675,497	67,717	1,301,491	4,004,137
Machinery, industrial	12	394	890,049	35,631	702,046	2,100,295
Machine shops	23	309	625,729	25,461	434,147	1,510,605
Miscellaneous iron and steel products	9	148	349,657	9,677	785,637	1,396,903
Sheet metal products	18	774	1,704,093	79,950	3,468,638	6,335,930
All other industries[8]	10	1,030	2,504,799	136,978	3,503,046	9,791,360
Totals	**95**	**3,851**	**8,657,406**	**405,347**	**12,044,905**	**28,512,703**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1949

Winnipeg Metropolitan Area—Concluded

Industry	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Transportation Equipment:						
Automobile parts	6	105	181,104	9,408	224,786	530,115
Miscellaneous transportation equipment	4	63	132,632	5,767	196,096	415,409
All other industries[9]	9	4,069	9,908,562	499,569	11,451,637	22,537,482
Totals	**19**	**4,237**	**10,222,298**	**514,744**	**11,872,519**	**23,483,006**
Non-ferrous Metal Products:						
Aluminum products	3	14	17,920	999	4,050	33,700
Brass and copper products	5	180	397,949	46,597	1,199,960	2,045,454
Jewellery and silverware	4	45	77,885	1,741	111,657	246,679
Miscellaneous non-ferrous metal products	3	6	5,605	495	14,824	28,045
White metal alloys	3	53	112,137	20,571	1,181,108	1,446,193
Totals	**18**	**298**	**611,496**	**70,403**	**2,511,599**	**3,800,071**
Electrical Apparatus and Supplies:						
Miscellaneous electrical products	7	134	273,088	16,481	709,413	1,331,174
Refrigerators, vacuum cleaners and appliances	4	93	130,239	3,101	304,844	697,644
All other industries[10]	5	392	747,788	44,633	1,664,525	3,872,064
Totals	**16**	**619**	**1,151,115**	**64,215**	**2,678,782**	**5,900,882**
Non-metallic Mineral Products:						
Cement products	10	103	204,229	15,081	155,552	473,933
Miscellaneous non-metallic mineral products	7	54	106,731	27,683	112,795	366,912
Stone products	5	38	71,652	5,607	48,567	139,400
All other industries[11]	7	271	608,219	146,786	1,480,801	3,171,642
Totals	**29**	**466**	**990,831**	**195,157**	**1,797,715**	**4,151,887**
Products of Petroleum and Coal[12]	3	319	632,834	348,831	4,758,234	7,163,380
Chemicals and Allied Products:						
Gases, compressed	3	77	199,524	17,556	156,877	841,908
Medicinal and pharmaceutical preparations	8	159	304,404	12,169	675,730	1,853,842
Miscellaneous chemical products	7	92	188,943	4,950	809,061	1,483,826
Paints and varnishes	5	216	438,828	29,663	2,330,503	4,052,780
Soaps, washing and cleaning compounds	9	40	67,029	6,855	128,291	444,362
Toilet preparations	3	42	45,713	1,630	94,800	199,521
All other industries[13]	6	59	105,203	24,839	898,928	1,217,522
Totals	**41**	**685**	**1,349,644**	**97,662**	**5,094,190**	**10,093,761**
Miscellaneous Manufacturing Industries:						
Brooms, brushes and mops	7	89	155,226	4,309	268,645	531,505
Scientific and professional equipment and instruments	10	75	132,999	5,866	63,130	271,961
Signs, neon and other	7	157	365,721	40,963	183,609	1,024,134
Stamps and stencils, rubber and metal	4	15	35,529	321	9,586	53,224
Statuary, art goods and novelties	7	51	51,760	1,798	26,809	129,142
All other industries[14]	10	81	123,926	17,672	168,294	546,651
Totals	**45**	**468**	**865,161**	**70,929**	**720,073**	**2,556,617**
Grand Totals, Winnipeg Metropolitan Area	**995**	**34,510**	**71,733,315**	**4,455,903**	**242,436,120**	**382,953,842**

1. Includes: Animal oils and fats, 2; biscuits and crackers, 2; cheese, processed, 2; malt and malt products, 2; sugar, 1.
2. Also leather tanneries, 1.
3. Includes: Automobile accessories, fabric, 1; carpets, mats and rugs, 1; embroidery, 2; woollen cloth, 1.
4. Includes: Clothing contractors, men's, 1; clothing contractors, women's, 2; miscellaneous clothing, 2.
5. Includes: Beekeepers and poultrymen's supplies, 2; coffins, and caskets, 2; cooperage, 2; excelsior, 2; sawmills, 1; wood preservation, 1.
6. Also, pulp and paper, 1.
7. Also lithographing, 2.
8. Includes: Boilers, tanks and platework, 1; fabricated and structural steel, 2; heating and cooking apparatus, 2; machinery, household, store and office, 2; primary iron and steel, 1; wire and wire goods, 2.
9. Includes: Aircraft and parts, 2; automobiles, 2; boatbuilding, 2; railway and rollingstock equipment, 3.
10. Includes: Batteries, 2; machinery, heavy electrical, 2; radios and radio parts, 1.
11. Includes: Glass products, 2; gypsum products, 2; lime, 2; sand-lime brick, 1.
12. Includes: Coke and gas products, 1; petroleum refining and products, 2.
13. Includes: Coal tar distillation, 2; inks, writing and printing, 2; vegetable oil mills, 2.
14. Includes: Artificial flowers and feathers, 1; ice, manufactured, 1; lamps, electric and lamp shades, 2; plastic products, 2; sporting goods, 1; toys and games, 1. Also rubber products, 2.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1949

Vancouver Metropolitan Area

Industry	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Foods and Beverages:						
Biscuits and crackers	4	214	370,925	32,616	840,619	1,874,385
Bread and other bakery products	121	1,638	3,804,221	332,725	6,184,098	12,263,153
Breakfast foods	3	14	14,155	1,000	46,681	63,988
Butter and cheese	10	1,076	2,474,844	262,164	7,704,390	11,635,286
Carbonated beverages	8	247	500,480	77,397	952,643	3,106,227
Confectionery	24	323	521,658	30,166	925,033	1,950,179
Dairy products, other	6	123	213,609	57,069	1,048,482	1,816,603
Feeds, stock and poultry	10	408	852,316	71,460	7,943,692	9,889,856
Fish, canned and cured	19	857	1,713,472	105,167	7,911,897	12,147,503
Fruit and vegetable preparations	20	891	1,644,561	99,756	7,371,538	11,570,937
Macaroni and spaghetti	3	35	37,094	3,896	69,540	118,502
Malt liquors	3	479	1,266,451	93,687	1,687,241	8,600,628
Miscellaneous foods[1]	35	1,140	2,409,535	262,094	27,949,048	34,204,673
Sausage and sausage casings	4	77	166,096	11,419	959,307	1,343,830
Slaughtering and meatpacking	9	1,239	3,320,710	244,564	38,609,965	45,216,316
All other industries[2]	5	638	1,430,148	240,339	3,422,984	6,880,252
Totals	**284**	**9,399**	**20,740,275**	**1,925,519**	**113,627,158**	**162,682,318**
Tobacco and Tobacco Products:						
Tobacco, cigars and cigarettes	3	9	6,811	98	5,341	12,717
Totals	**3**	**9**	**6,811**	**98**	**5,341**	**12,717**
Rubber Products	3	21	37,000	340	13,050	65,490
Leather Products:						
Boots and shoes	10	269	463,646	10,758	737,541	1,390,756
Gloves and mittens	4	78	137,895	1,422	245,220	450,715
Miscellaneous leather products	8	152	268,462	6,250	385,284	920,368
Tanneries	3	31	72,671	8,126	254,262	425,524
Totals	**25**	**530**	**942,674**	**26,556**	**1,622,307**	**3,187,363**
Textile Products (Except Clothing):						
Canvas products	7	184	289,545	14,887	683,780	1,389,937
Oilcloth, linoleum and other coated fabrics	3	22	48,591	1,662	116,438	190,996
All other industries[3]	14	411	796,001	56,639	2,849,592	4,459,006
Totals	**24**	**617**	**1,134,137**	**73,188**	**3,649,810**	**6,039,939**
Clothing (Textile and Fur):						
Clothing, men's factory	14	445	685,164	15,152	1,249,989	2,467,053
Clothing, women's factory	22	613	1,106,319	13,306	1,797,525	3,729,703
Fur goods	18	128	211,606	6,401	294,509	606,691
All other industries[4]	7	242	339,308	2,420	626,567	1,351,662
Totals	**61**	**1,428**	**2,342,397**	**37,279**	**3,968,590**	**8,155,109**
Wood Products:						
Boxes and baskets	9	139	188,578	9,325	377,564	665,028
Coffins and caskets	6	70	127,952	6,004	401,489	688,345
Furniture	119	1,728	3,477,437	99,335	5,022,927	10,165,252
Miscellaneous wood products	30	284	640,637	26,928	2,542,726	3,972,863
Planing mills, sash and door factories	61	1,328	2,980,478	114,586	5,748,421	10,900,076
Plywood and veneer	8	2,144	4,975,799	152,517	8,752,362	19,424,673
Sawmills	101	7,479	19,572,924	711,961	39,696,984	75,398,811
Woodenware	4	87	152,918	3,620	163,009	367,682
Woodturning	3	90	193,837	5,184	254,034	472,865
All other industries[5]	8	244	641,489	77,117	2,179,431	3,562,419
Totals	**349**	**13,593**	**32,952,049**	**1,206,577**	**65,138,947**	**125,618,014**
Paper Products:						
Boxes and bags	10	655	1,384,512	54,730	5,206,293	8,435,198
Miscellaneous paper products	12	509	1,096,073	31,728	5,009,704	7,270,387
All other industries[6]	5	831	2,820,182	602,510	5,857,366	11,865,128
Totals	**27**	**1,995**	**5,300,767**	**688,968**	**16,073,363**	**27,570,713**
Printing, Publishing and Allied Industries:						
Engraving, stereotyping and electrotyping	7	173	507,199	9,846	156,120	890,813
Lithographing	9	232	628,734	13,618	690,059	1,706,635
Printing and bookbinding[7]	93	945	2,175,056	52,021	1,389,610	4,569,629
Printing and publishing	12	1,627	4,619,006	61,266	3,429,375	11,205,261
Publishing (only) of periodicals	106	445	396,694	—	1,017,259	1,898,773
Totals	**227**	**3,422**	**8,326,689**	**136,751**	**6,682,423**	**20,271,111**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1949

Vancouver Metropolitan Area—Concluded

Industry	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Iron and Steel Products:						
Boilers, tanks and platework	7	222	675,338	40,867	878,349	2,121,884
Hardware, tools and cutlery	12	261	597,739	40,022	585,995	1,410,472
Heating and cooking apparatus	11	207	476,832	17,147	452,670	1,171,189
Iron castings	15	503	1,213,947	113,439	1,356,761	3,540,213
Machinery, industrial	37	1,664	4,396,592	176,658	3,254,691	11,298,845
Machine shops	41	380	1,005,528	32,066	579,276	2,083,088
Miscellaneous iron and steel products	20	180	407,284	28,235	497,786	1,322,426
Primary iron and steel	6	324	838,880	170,637	1,600,586	2,886,432
Sheet metal products	26	835	2,163,396	92,894	7,386,590	11,498,823
Wire and wire goods	9	332	750,949	34,618	2,487,610	4,215,028
All other industries	6	798	2,227,089	93,361	3,946,570	9,435,802
Totals	**190**	**5,706**	**14,753,574**	**839,944**	**23,026,884**	**50,984,202**
Transportation Equipment:						
Automobile parts	13	194	488,387	17,643	487,695	1,104,769
Boatbuilding	23	122	254,754	5,033	219,632	551,842
Shipbuilding and repairs	19	1,858	5,119,633	165,600	2,151,986	9,674,623
All other industries	3	247	707,063	55,095	607,699	1,833,829
Totals	**58**	**2,421**	**6,569,837**	**243,371**	**3,467,012**	**13,165,063**
Non-ferrous Metal Products:						
Aluminum products	4	77	142,732	5,744	156,242	332,216
Brass and copper products	14	228	466,152	17,389	302,831	1,077,304
Jewellery and silverware	9	115	218,702	1,791	168,319	482,542
White metal alloys	3	57	133,734	12,914	672,425	891,584
Totals	**30**	**477**	**961,320**	**37,838**	**1,299,817**	**2,783,646**
Electrical Apparatus and Supplies:						
Batteries	5	52	93,678	7,385	284,110	496,426
Machinery, heavy electrical	3	214	615,653	10,670	594,255	1,598,965
Miscellaneous electrical products[8]	10	121	229,018	9,437	347,772	833,467
Radios and radio parts	4	78	135,318	3,627	150,435	418,544
Totals	**22**	**465**	**1,073,667**	**31,119**	**1,376,572**	**3,347,402**
Non-metallic Mineral Products:						
Cement products	13	246	578,002	31,596	910,334	1,750,808
Glass products	8	102	192,191	12,583	236,246	542,052
Miscellaneous non-metallic mineral products	6	55	124,366	9,975	132,555	358,946
Stone products	7	88	183,394	11,703	169,085	433,701
All other industries[9]	6	62	216,593	6,437	75,116	210,038
Totals	**40**	**553**	**1,294,546**	**72,294**	**1,523,336**	**3,295,545**
Products of Petroleum and Coal[10]	5	695	1,803,345	632,612	14,578,781	23,673,454
Chemicals and Allied Products:						
Fertilizers	4	55	140,196	8,124	615,311	903,680
Gases, compressed	3	91	232,870	30,575	182,092	979,638
Miscellaneous chemical products	9	47	113,793	2,705	180,475	337,510
Paints and varnishes	9	196	463,853	21,885	1,377,382	2,626,136
Soaps, washing and cleaning compounds	13	56	110,232	3,618	176,539	630,233
Toilet preparations	3	12	5,808	1,938	11,666	41,370
All other industries[11]	12	171	396,411	61,873	6,825,241	8,147,941
Totals	**53**	**628**	**1,463,163**	**130,718**	**9,368,706**	**13,666,508**
Miscellaneous Manufacturing Industries:						
Brooms, brushes and mops	4	89	166,065	2,819	224,025	491,808
Ice, manufactured	6	126	277,760	62,219	14,007	668,720
Lamps, electric and lamp shades	3	88	157,812	5,032	164,730	364,320
Musical instruments	3	4	5,446	233	2,750	10,530
Plastic products	5	31	77,361	6,707	95,777	191,635
Scientific and professional equipment and supplies	4	12	24,000	618	10,300	52,000
Signs, neon and other	6	341	787,986	27,465	476,683	2,075,665
Sporting goods	5	36	57,435	2,848	68,764	175,705
Stamps and stencils, rubber and metal	7	56	115,943	3,407	50,039	252,401
All other industries[12]	6	50	73,937	1,442	67,246	217,849
Totals	**49**	**833**	**1,743,745**	**112,790**	**1,174,321**	**4,500,633**
Grand Totals, Vancouver Metropolitan Area	**1,450**	**42,792**	**101,445,996**	**6,195,962**	**266,596,418**	**469,019,227**

1. Also, sugar, 1.
2. Includes: Distilled liquors, 2; flour mills, 2; wines, 1.
3. Includes: Bags, cotton and jute, 2; carpets, mats and rugs, 1; cordage, rope and twine, 1; embroidery, 2; miscellaneous cotton goods, 1; miscellaneous textiles, 2; miscellaneous woollen goods, 2; woollen cloth, 3.
4. Includes: Gloves and mittens, 1; hats and caps, 1; hosiery, 2; knitted goods, 2; miscellaneous clothing, 1.
5. Includes: Beekeepers' and poultrymen's supplies, 1; cooperage, 2; hardwood flooring, 1; wood preservation, 4.
6. Includes: Pulp and paper mills, 3; roofing paper, 2.
7. Also, trade composition, 2.
8. Also, refrigerators, vacuum cleaners and appliances, 1.
9. Includes: Asbestos, 2; clay products from imported clays, 2; stone products, 2.
10. Includes: Coke and gas products, 1; lubricating oils and greases, 2; petroleum refining and products, 2.
11. Includes: Acids, alkalies and salts, 1; adhesives, 2; coal tar distillation, 1; inks, printing and writing, 2; medicinal and pharmaceutical preparations, 2; polishes and dressings, 2; primary plastics, 1; vegetable oil mills, 1.
12. Includes: Fountain pens and pencils, 1; hair goods, animal and human, 1; miscellaneous industries, 1; statuary, art goods and novelties, 2; umbrellas, 1.

APPENDIX II

Alphabetical List of the Products Reported as having been Manufactured in Canada in 1949

The appended list of the products of Canadian manufacturing industries presents the value and in most cases the quantity of the individual products in a much more detailed form. Prior to 1927, in presenting statistics of manufacturing production, the whole production of an establishment was taken as a unit. This not only prevented the presentation of production figures for specific products in detail, but also involved numerous inaccuracies in the production statistics of classes of commodities, owing to the fact that commodities which may be the major line of production in one establishment may also be products of secondary importance in another establishment where the major line of production puts the establishment into a different class. The statistics which follow, however, have been compiled by taking from the individual returns of each of the 35,792 manufacturing establishments covered, the value and, when given, the quantity of each commodity specified as produced by the establishment. In this way, detailed production figures are obtained for specific commodities and, furthermore, the total production of each commodity is brought together, no matter how varied may be the operations in different establishments producing it. Nevertheless it should be pointed out to those making use of these figures that there is one element of incompleteness about them. In the returns of many manufacturers, products of minor importance are grouped under the name "all other products". As will be seen from the group at the end of the list, the value of products not specified, while they may appear unimportant to the individual manufacturer, are, in the aggregate, a large amount, especially in the industries of two of the larger groups. It is obvious that one manufacturer may consider a product of insufficient importance to report separately for his establishment, while that same product may be reported separately by other establishments. In other words, included in the value of other products not specified at the end of the list, there are doubtless values which, had the products been specified by the manufacturer, would have been included in the values of commodities appearing on the list. However, the products not specified total only about 1.4 per cent in value of the whole manufacturing production, although in the iron and steel group this proportion is 4.4 per cent and in transportation equipment 5.1 per cent. With the exception of these groups, therefore, the incompleteness of the figures on this account is insignificant.

There is no duplication in the listing of products, nor do any of the items, include products listed in more detail under another name. It is possible, however, that essentially the same commodity produced in different establishments may have been called by different names; in such a case, which is probably a very rare one, the items would appear separately in the following list.

Alphabetical List of Products Manufactured in Canada, 1949

Items	Unit of measure	Quantity	Value
			$
Abrasive cloth	—	—	1
Abrasive paper	—	—	1
Abrasive wheels and segments	—	—	3,826,726
Accelerators, synthetic	—	—	1
Acetic anhydride	—	—	1
Acetone	—	—	1
Acetylene	cu. ft.	184,600,235	3,846,164
Acid, acetic, glacial, 99½%	—	—	1
Acid, cresylic	—	—	1
Acid, fatty, cocoanut, tallow, etc.	lb.	4,145,997	467,667
Acid, hydrochloric (muriatic)	—	—	1
Acid, hydrofluosilicic	—	—	1
Acid, monochloro acetic	—	—	1
Acid, nitric	—	—	1
Acid, phosphoric	—	—	1
Acid, stearic	—	—	1
Acid, sulphuric	lb.	1,309,835,622	5,610,742
Acids, not specified	—	—	260,602
Adhesives, n.e.s.	—	—	785,761
Advertising matter, printed, n.e.s.	—	—	28,356,336
Advertising novelties and displays (See "Displays" and "Novelties")			
Agitators, mining and metallurgical	—	—	21,891
Agricultural implements and parts, n.e.s.	—	—	22,466,874
Air conditioning equipment	—	—	2,084,346
Aircraft, including parts and repairs	—	—	46,576,036
Albumen. (included in "Egg substitute")			
Alcohol, butyl	—	—	1
Alcohol, industrial, produced	pf. gal.	7,535,098	3,204,191
Alcohol, industrial, sold			
Denatured:			
Antifreeze	st. gal.	1,460,547	1,696,826
Perfume manufacturing	" "	194,158	197,964
Rubbing alcohol	" "	124,866	124,228
Solvents and cleaning fluids	" "	1,460,072	1,260,357
Other, including that for hospitals, research, etc.	" "	299,160	320,654
Not denatured	pf. gal.	2,478,455	1,321,905
Alkylate	—	—	1
Alkylation feed stocks	imp. gal.	3,198,475	426,677
Alloy, die casting	lb.	8,860,308	1,370,830
Almond paste	"	113,123	44,622
Alumina, fused (crude)	ton	113,199	10,230,521
Alumina, fused (abrasive grains)	—	—	1
Aluminum bars, rods and ingots	—	—	1
Aluminum fluoride	—	—	1
Aluminum hydrate	—	—	1
Aluminum sulphate and stearate	—	—	1
Aluminum products, not elsewhere specified	—	—	6,732,070
Ammonia, anhydrous	—	—	1
Ammonia, aqua	—	—	1
Ammonia, liquor	—	—	1
Ammonia, powder	lb.	2,052,946	124,352
Ammonium chloride	—	—	1
Ammonium hydroxide	—	—	1
Ammonium nitrate	—	—	1
Ammonium phosphate	—	—	1
Ammonium sulphate	ton	226,397	9,967,023
Ammunition (See "Munitions and War Supplies")			
Amyl acetate	—	—	1
Anti-freeze preparations, glycol type	gal.	4,138,767	11,986,515
Anti-freeze, alcohol type (See "Alcohol, industrial, denatured, sold")			
Apple butter	lb.	23,279	6,334
Apple juice (Included in "Fruit juices")			
Apple juice concentrate	"	2,233,849	189,160
Apple pomace, chop and waste	"	1,609,541	39,722
Apples, evaporated and dehydrated	"	2,257,716	441,061
Aprons, oiled and rubberized	doz.	18,116	129,591
Aprons, other:			
Children's	"	10,101	70,441
Men's and youths'	"	18,277	179,785
Women's and misses'	"	209,656	1,134,184
Not specified	—	—	204,016
Armlets and sleeve protectors	doz.	19,741	31,110
Artware, pottery (See also "Pottery")	—	—	309,540
Art needlework	—	—	187,301
Art work (printing)	—	—	2,611,054
Asbestos products, clutch facings, gaskets, etc.	—	—	3,484,591
Asphalt	imp. gal.	138,132,183	16,930,231
Asphalt, emulsion	" "	10,141,545	1,524,787
Asphalt products, n.e.s.	—	—	102,136
Atomizers	—	—	1
Automobiles, commercial:			
5,000 lbs. or less:			
For sale in Canada	No.	40,248	47,505,317
For export	"	4,622	3,974,666
5,001 to 10,000 lbs.			
For sale in Canada	"	21,105	27,280,979
For export	"	1,277	1,110,982
10,000 to 14,000 lbs:			
For sale in Canada	"	7,946	12,421,320
For export	"	6,212	8,908,149
14,001 to 16,000 lbs:			
For sale in Canada	"	12,040	21,974,697

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1949 — Continued

Items	Unit of measure	Quantity	Value
			$
Automobiles, commercial — continued:			
For export	No.	1,187	1,321,532
16,001 to 19,500 lbs.:			
For sale in Canada	"	2,120	5,464,818
For export	"	4	13,598
19,501 to 26,000 lbs.:			
For sale in Canada	"	928	3,123,612
For export	"	5	18,137
Over 26,000 lbs.:			
For sale in Canada	"	603	3,481,155
For export	"	6	25,712
Other, not specified	"	28	122,450
Automobiles, passenger:			
Permanent closed cars:			
Coupe:			
For sale in Canada	No.	21,656	32,790,414
For export	"	397	466,249
2 Door Sedan:			
For sale in Canada	"	47,840	63,573,717
For export	"	102	153,149
4 Door Sedan:			
For sale in Canada	"	106,083	163,346,096
For export	"	6,443	8,118,523
Other closed:			
For sale in Canada	"	1,478	2,943,694
Buses and coaches:			
Complete, for sale in Canada	"	725	10,072,680
Automobiles, not specified	—	—	307,686
Automobile bodies and cabs	—	—	11,330,251
Automobile chassis:			
For sale in Canada	No.	3	2,001
For export	"	9,554	6,267,155
Automobile cloth	yd.	1,567,566	4,236,113
Automobile headlights and parts	—	—	3,040,378
Automobile parts and accessories, not specified	—	—	119,517,853
Awnings and verandah curtains	—	—	1,701,474
Axes and hatchets	No.	621,012	746,752
Axles and shafts, automobile	—	—	5,613,063
Axles, not specified	—	—	1
Babies' high chair sets, commodes and other baby supplies	—	—	507,155
Babbitt metal	lb.	3,630,232	1,278,156
Badges, medals, emblems, etc., metal and other	—	—	1,631,868
Bags:			
Cotton	doz.	3,629,704	9,732,206
Jute	"	5,286,189	15,278,710
Cosmetic	—	—	142,873
Garment	doz.	20,235	344,230
Sleeping	No.	14,051	515,086
Hand, leather	"	568,312	2,519,964
Hand, other	"	2,216,060	4,339,997
Shopping, sports, etc., leather	"	91,795	430,588
Shopping, sports, etc., other	"	—	313,362
Club bags, suit cases and other hand luggage	—	—	5,333,513
Tea bags, individual	—	—	1
School bags	doz.	206,523	210,229
Fabric bags, not specified	—	—	739,414
Fabric bags repaired	—	—	2,406,455
Bags, paper:			
Glassine and cellophane	—	—	3,015,139
Millinery, garment and laundry	—	—	850,799
Self-opening	—	—	5,785,047
Wedge	—	—	1,419,627
Paper, not specified (incl. multi-wall)	—	—	14,827,544
Bags, plastic	—	—	90,663
Bag frames, etc.	—	—	146,774
Bags, rubber, air and steam	No.	3,402	60,913
Bags, rubber and rubberized, n.e.s.	doz.	6,257	67,777
Bale ties — Quantity made	ton	4,341	—
Quantity sold	"	4,438	617,197
Ball and rod mills, grinding	—	—	457,716
Balloons	gr.	125,753	359,135
Balls, foot	No.	43,494	67,343
Balls, golf, complete	doz.	120,473	505,840
Balls, soft	"	27,318	299,077
Balls, other, including bladders, centres etc.	—	—	958,478
Barley, pot and pearl	ton	4,369	388,361
Barn and stable equipment, not elsewhere specified	—	—	2,076,146
Barrels, wooden:			
Apple, etc.	No.	819,504	1,340,689
Fish, slack	"	90,009	124,719
Fish, tight	"	109,957	261,058
Flour, sugar, etc.	"	91,261	135,413
Oil, vinegar, water, etc.	"	163,812	846,209
Whiskey, beer, etc.	"	28,417	559,880
Barrels, steel	"	537,392	2,230,015
Barrels, repaired, etc.	—	—	183,431
Barrels, n.e.s.	—	—	168,387
Bars and ingots, aluminum	—	—	1
Bars, iron and steel:			
Hot rolled, of all grades:			
Quantity made	ton	594,703	
Quantity sold	"	532,092	49,414,874

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Alphabetical List of Products Manufactured in Canada, 1949 — Continued

Items	Unit of measure	Quantity	Value
			$
Bars, iron and steel — Concluded			
Cold rolled and cold drawn:			
Quantity made	ton	35,537	
Quantity sold	"	35,701	6,377,739
Basket bottoms	—	—	174,248
Baskets and crates, fruit and vegetable	—	—	3,825,280
Baskets, other, not specified	—	—	495,978
Bathing caps	doz.	42,729	171,238
Bathing shoes	—	—	1
Bathing suits	doz.	130,282	4,016,598
Bathrobes, kimonos, lounging jackets, etc.:			
Cotton:			
Women's and misses'	doz.	31,950	1,020,264
Children's	"	9,278	165,506
Rayon and silk:			
Women's and misses'	doz.	25,466	2,199,839
Men's and youths'	"	4,686	506,100
Children's	"	499	14,699
Wool and flannel:			
Women's and misses'	doz.	8,375	642,194
Men's and youths'	"	8,092	987,143
Children's	"	2,065	79,021
Not specified:			
Men's and youths'	doz.	8,492	458,546
Other not specified	"	8,798	485,352
Bats, baseball	No.	171,978	127,182
Batteries:			
Storage, for automobiles and other internal combustion engines	No.	1,439,604	12,727,407
Storage, for railway service	"	16,551	630,992
Storage, for motor cycle starting	"	1,618	14,346
Storage, for telephone switch boards	"	14,201	352,662
Storage, for farm lighting plants	"	37,881	386,673
Storage, for all other purposes	—	—	1,175,438
Dry cell, 6 inch	No. of cells	2,438,255	946,623
Dry cell, radio, for portable sets	" " "	22,985,666	1,081,450
Dry cell, radio, for non-portable sets	" " "	51,541,263	4,098,656
Dry cell, flashlight	" " "	27,891,291	1,962,098
Dry cell, hearing aid "A"	" " "	747,110	87,694
Dry cell, hearing aid "B"	" " "	2,545,429	101,895
Dry cell, all other	" " "	57,493	7,583
Parts and supplies for batteries and complete wet cell type batteries	—	—	2,204,153
Battery containers and parts	No.	8,504,742	1,809,406
Battery separators	—	—	1
Batting, wadding, flocks and rolls, including auto batts	—	—	3,370,407
Bearings, ball, roller and parts	—	—	1
Beauty parlour equipment	—	—	146,892
Beds and couches:			
Beds, metal	No.	173,055	2,253,727
Studio couches, metal and other	"	77,077	3,704,225
Couches, other than studio, metal	"	36,938	361,231
Cots and bunks, metal, and other	"	75,035	606,961
Cribs, all kinds	"	25,406	281,305
Beds, camp	—	—	10,444
Bedspreads and bed sets:			
Cotton	No.	302,239	1,878,633
Silk, rayon and rayon mixtures	"	32,247	268,423
Not specified	"	50,696	398,038
Beef extract	—	—	1
Beekeepers' supplies, n.e.s.	—	—	380,779
Beer, ale, stout and porter (sales):			
Bottled and canned	gal.	128,481,824	184,599,491
Draught	"	44,812,327	43,734,428
Beer, spruce	"	90,979	60,519
Beet pulp, wet and dried	—	—	1,734,661
Bells and gongs	—	—	9,196
Belting, leather (transmission)	lb.	370,474	1,196,913
Belts, automobile, fan	No.	1,589,475	736,934
Belting, rubber	lb.	5,575,385	4,222,712
Belts, rubber, not specified	No.	1,503,670	1,340,611
Belts and aprons, sanitary	—	—	242,083
Belts, body, not specified	—	—	3,067,276
Benzol	Imp. gal.	6,540,255	1,655,288
Bicycles	No.	130,429	4,142,429
Bicycle parts	—	—	372,465
Billiard and bowling supplies, n.e.s.	—	—	1,563,643
Binders, loose-leaf and other	—	—	2,218,059
Binders, corn	No.	1,765	570,505
Binders, grain	"	12,615	5,123,012
Binding and stitching (trade work)	—	—	1,460,698
Bindings — (see also "Tapes")			
Cotton	—	—	1,428,127
Silk, rayon and rayon mixtures	—	—	473,882
Other	—	—	30,459
Bins and hoppers	—	—	913,844
Biological products, n.e.s.	—	—	2,155,563
Biscuits, plain and fancy	ton	79,607	45,260,968
Biscuits, soda	"	21,654	10,326,279
Black, acetylene	—	—	1
Blackboards, asbestos and other	—	—	31,383
Blankets:			
Cotton	pair or lb.	2,147,807 6,596,882	6,121,617

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Alphabetical List of Products Manufactured in Canada, 1949 — Continued

Items	Unit of measure	Quantity	Value
			$
Blankets — Concluded:			
Cotton warp	pair or	13,183	
	lb.	82,531	84,069
Cotton and wool mixed	pair or	217,512	
	lb.	716,711	712,789
Wool	pair or	432,944	
	lb.	2,769,944	3,807,898
Slumber throws	—	—	579,243
Not specified	—	—	74,508
Blankets, horse	No.	15,693	67,881
Blankets, rubber, printers'	lb.	67,875	61,991
Bleaching compounds	—	—	1
Blinds, venetian (See "Shades and blinds"):			
Blood, animal, dried, edible	lb.	742,422	44,977
Blood, animal, dried, inedible	"	3,346,456	209,790
Blooms, billets and slabs (incl. blanks)			
Quantity made	net ton	2,355,840	
Quantity sold	" "	396,924	23,603,686
Blouses, women's, misses' and children's:			
Cotton, women's and misses'	doz.	106,900	1,744,408
Cotton, children's	"	113,071	1,061,467
Rayon, women's and misses'	"	188,797	5,226,440
Rayon, children's	"	9,283	197,683
Rayon mixtures, women's and misses'	"	175,608	5,449,567
Rayon mixtures, children's	"	8,368	257,402
Nylon, women's and misses'	"	5,927	193,583
Woollen, women's and misses'	"	5,299	265,082
Other, not specified, women's and misses'	"	37,044	942,983
Other, not specified, children's	"	1,157	12,686
Blow torches	—	—	1
Blowers, furnace	No.	14,237	532,702
Blue, laundry	—	—	1
Boats, life and whale	No.	158	197,433
Boats, motor	"	1,982	1,487,513
Boats, outboard motor	"	7,999	1,385,139
Boats, sail	"	188	127,890
Boats, other, incl. row boats, skiffs, etc. (See also "Canoes")	—	—	794,218
Boat parts	—	—	10,000
Boiler compound	—	—	1
Boilers, heating, all types	—	—	7,031,346
Boilers, power	—	—	6,989,052
Boilers, range	No.	195,201	2,426,720
Boilers, not specified	—	—	31,575
Boiler parts and accessories	—	—	1,541,791
Bologna, weiners and blood pudding	lb.	80,974,331	25,455,664
Bolt boards	—	—	1
Bolts, nuts and rivets	—	—	11,867,783
Bone meal and flour	lb.	12,867,460	480,898
Bone, raw, ground, etc.	"	30,996,222	587,338
Books, printed and bound, chiefly for advertising	—	—	1,849,573
Books, printed and bound, not chiefly for advertising	—	—	8,440,197
Books and pads, drawing, exercise scribblers, etc. not elsewhere specified	—	—	2,125,099
Books, ledger and account	—	—	1,008,657
Books, counter, check, sales, etc.	—	—	2,369,521
Books, blank, bound, not specified	—	—	947,054
Boron carbide	—	—	1
Bottles, thermos	—	—	1
Bowling supplies (Included in "Billiard and bowling supplies"):			
Box toes	pr.	12,387,137	318,912
Boxes, mail	—	—	1
Boxes, paper:			
Corrugated including wrappers, etc. (See also "Wrappers")	—	—	46,055,324
Fibre board	—	—	1
Folding	—	—	31,017,125
Mailing tubes and other , round	—	—	269,785
Set-up	—	—	12,428,616
Not specified	—	—	68,313
Boxes, wooden:			
Apple	No.	732,101	299,329
Berry	"	31,179,338	355,963
Butter	"	1,661,082	842,667
Cheese	"	1,014,335	466,683
Cigar	"	1,943,778	336,660
Fish	"	1,345,627	878,393
Meat	"	1,463,692	771,941
Plywood	"	416,386	1,258,038
Veneer	"	3,021,165	2,841,693
Boxes, wooden, not specified	—	—	5,225,075
Boxes, other, not specified	—	—	548,103
Box panels, plywood	—	—	1
Braids and gimps	—	—	1,394,124
Brake fluid	—	—	704,243
Brakes, auto, and parts	—	—	2,831,892
Brakes, brake beams, brake shoes and parts (railway car)	—	—	2,456,042
Bran	ton	286,405	14,483,680
Brass ingots	lb.	18,206,867	2,931,593
Brass and bronze products, not specified	—	—	897,435
Bread	lb.	1,349,836,510	121,715,882
Breakfast foods (see "Cereal products"):			
Brewery and distillery equipment, n.e.s.	—	—	631,025
Bricks, cement	M.	40,160	1,084,873
Bricks, domestic clay	"	331,004	10,534,404

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1949 — Continued

Items	Unit of measure	Quantity	Value
			$
Brick, sand-lime	M.	43,260	939,435
Briquettes, coal and coke	—	—	[1]
Bristles	—	—	[1]
Bronze ingots	lb.	8,101,500	1,645,377
Brooms:			
Corn	doz.	257,737	2,430,530
Fibre	"	24,712	219,345
Hair	"	5,556	143,244
Toy	"	12,251	35,842
Other	"	2,089	29,744
Brushes:			
Made of corn and fibre	"	151,156	198,281
Clothes	"	31,458	178,344
Cosmetic	"	63,558	306,833
Generator and motor	–	—	569,084
Hair	doz.	110,501	864,670
Nail	"	59,321	108,385
Paint	"	516,441	4,078,116
Shaving	"	35,413	394,955
Shoe	"	23,164	75,725
Tooth	"	336,369	507,854
For household purposes	"	592,828	1,318,432
For industrial use	"	156,988	979,067
Other, not specified	—	—	335,687
Brush blocks, backs, etc.	—	—	32,545
Buckles, clips, etc.	—	—	301,351
Buffing composition	—	—	120,355
Buffing wheels	—	—	60,575
Buffs, polishing, cotton	—	—	804,318
Building blocks, hollow, cement, cinder, sand-lime, etc.	—	—	12,929,827
Bungs, barrel	—	—	[1]
Buns	—	—	16,739,795
Burlap	—	—	32,771
Burners, not specified	—	—	193,953
Butane	—	—	[1]
Butter, factory made	lb.	279,802,815	164,989,362
Butter, whey, factory made	"	2,394,549	1,106,276
Buttons:			
Celluloid	gr.	94,457	363,320
Covered	"	57,115	91,959
Plastic	"	542,080	735,076
Metal	"	1,295,201	388,094
Moulded	"	3,566,759	995,627
Pearl	"	308,883	328,185
Not specified	"	283,344	441,646
Button covering, hemstitching, etc.	—	—	1,188,694
Butyl acetate	—	—	[1]
Cabinets, ice cream	—	—	2,591,089
Cabinets, medicine	—	—	[1]
Cabinets, phonograph and radio	No.	171,338	3,625,981
Cabinets, shower, etc.	—	—	562,362
Caffeine	—	—	[1]
Calcium chloride	—	—	[1]
Calcium carbide	—	—	[1]
Calcium cyanamide	—	—	[1]
Calcium cyanide	—	—	[1]
Calcium naphthenate	—	—	[1]
Calcium stearate	—	—	[1]
Calks, horseshoe	—	—	70,529
Camel back	lb.	1,978,940	689,179
Cameras and kodaks	—	—	[1]
Candles	—	—	1,885,239
Candlesticks and holders	—	—	[1]
Candy sticks	—	—	[1]
Canoes (See also "Boats etc.")	No.	3,368	317,753
Cans, metal, ice-cream, cream and milk	—	—	161,191
Cans, metal, for food	—	—	48,090,098
Cans, metal, non-food	—	—	8,501,703
Cans, metal, garbage and ash	—	—	489,386
Cans, paper or fibre with metal ends	—	—	2,128,972
Canvas and canvas goods, not elsewhere specified			298,124
Capacitors, (static condensers) for power factory correction	—	—	295,170
Caps:			
Cloth	doz.	164,129	1,653,824
Cotton	"	69,160	200,885
Fur (See also "Hats and caps, fur")	"	3,492	106,653
Leather	"	8,421	101,360
Sport	"	89,840	710,902
Uniform	"	21,220	351,747
Not specified	"	37,190	238,627
Caps, bottle:			
Metal, beverage	—	—	8,363,972
" other	—	—	519,464
Paper, milk bottle	M.	1,873,860	1,481,579
Plastic	—	—	474,581
Not specified	—	—	256,891
Carbon dioxide gas	—	—	[1]
Carbon dioxide (cylinders and solid)	lb.	27,619,739	1,873,721
Carbon bisulphide	—	—	[1]
Carbon products, not specified	—	—	366,484
Carburizing chemicals	—	—	[1]
Cards, greeting	—	—	8,763,879

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1949 — Continued

Items	Unit of measure	Quantity	Value
			$
Cards, playing	—	—	1
Cards, visiting	M.	49,333	95,413
Carpets, mats and rugs:			
Carpets in rolls including stair:			
Axminster	carpet yard	478,097	1,965,542
Wilton	"	659,057	3,779,337
Other, not specified	"	535,998	1,280,120
Carpets in squares, 4'6" by 7'6" or larger:			
Axminster	carpet yard	777,981	3,238,804
Wilton	"	170,556	976,318
Other, not specified	"	54,971	238,255
Small squares and runners:			
Axminster	carpet yard	94,221	408,992
Wilton	"	13,977	88,391
Other	"	95,223	339,333
Cocoa mats and matting	—	—	210,248
Rugs, wool, fluff, cotton, hooked etc.	—	—	1,588,013
Rugs, made from old carpets	—	—	56,833
Carpet sweepers	—	—	1
Carriages, doll	—	—	183,957
Carriages and wagons, complete	No.	2,815	357,080
Carriages, baby	"	136,990	2,340,007
Carriage and wagon bodies and boxes	—	—	110,881
Carriage and wagon materials	—	—	212,375
Carriers, litter	—	—	1
Cars, railway, electric	No.	100	3,652,222
Cars, steam, railway, new	"	10,798	60,722,988
Cars, dump, hand, push and other not specified	—	—	1,342,897
Carts, concrete	No.	535	45,530
Carving, wood and other	—	—	31,055
Casein	lb.	3,837,287	807,106
Cases, clock	—	—	165,745
Cases, jewellery	No.	2,917,563	729,708
Cases, key, card, utility, etc.	—	—	645,061
Cases, portfolios, brief, etc.	No.	233,194	1,116,245
Cases, toiletware and silverware	—	—	593,664
Cases, other, not specified	—	—	28,019
Caskets	No.	103,573	5,582,010
Casks, fish	"	80,778	200,994
Casks, other	—	—	6,197
Castings:			
Aluminum	lb.	10,209,975	5,015,117
Brass	—	—	9,166,336
Bronze	—	—	2,314,480
Copper	lb.	362,168	145,768
Die	—	—	5,776,369
Grey iron	ton	239,365	39,579,120
Malleable iron	"	35,906	9,538,520
Iron, not specified	—	—	399,326
Lead	lb.	198,378	53,140
Steel:			
Quantity made	ton	94,751	
Quantity sold	"	92,244	28,917,683
Castings, not specified	—	—	1,182,720
Castors, all kinds, and parts	—	—	818,282
Catalogues, printed, etc.	—	—	10,177,694
Catsup (See "Tomato Catsup")			
Ceiling and siding, metal	—	—	323,102
Cellulose products, n.e.s.	—	—	1
Cement, Portland (including containers)	—	—	35,065,152
Cement, linoleum	—	—	238,930
Cement, rubber	—	—	326,789
Cements, not specified	—	—	1,381,774
Cement products, not specified	—	—	1,502,790
Cereal products, prepared, ready to serve	lb.	66,848,128	14,281,054
Cereal products, unprepared	"	20,421,941	1,897,758
Cerium	—	—	1
Certificates, stock, bond, etc., printed	—	—	1,468,867
Chains, automobile	—	—	1
Chains, other than automobile, (including sprocket chain)	—	—	4,228,745
Chamois products	—	—	591,705
Chaplets, foundry	—	—	303,738
Chaps	—	—	1
Charcoal	—	—	1
Cheese, Canadian cheddar	lb.	116,915,010	35,616,775
Cheese, other than cheddar	"	4,045,431	2,138,611
Cheese, skim milk and cottage	"	6,409,767	965,488
Cheese, processed and packed	"	34,292,087	14,287,230
Cheesecloth	—	—	421,317
Chemical products, not elsewhere specified	—	—	3,081,169
Cheques, notes, drafts, bank notes, etc. printed	—	—	2,247,720
Chests, cedar and other	No.	68,516	1,688,417
Chewing gum	boxes	12,813,305	7,294,027
Chicken, canned (See "Meats, canned")			
Chicory, roasted	—	—	1
Children's wear, not elsewhere specified	—	—	795,816
Chloride of lime	lb.	2,973,599	151,532
Chlorine, liquid	—	—	1
Chocolate coating	lb.	643,917	183,266
Chocolate liquor	—	—	1
Chocolate, sweetened:			
For own use	lb.	16,676,346	—

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1949 — Continued

Items	Unit of measure	Quantity	Value
			$
Chocolate, sweetened — Concluded:			
For sale	lb.	14,326,702	5,520,182
Choppers and grinders, food	No.	65,087	413,824
Churns	—	—	1
Cider (for sale)	gal.	106,543	49,414
Cigars	M.	207,213	15,538,813
Cigarettes	"	17,053,442	255,713,618
Classifiers, metal-working	—	—	113,154
Clay, bentonite and other	—	—	425,824
Cleaners, vacuum and parts	—	—	8,232,954
Cleaner, hand	lb.	676,661	75,685
Cleaner, fabric, floor and window	—	—	373,802
Cleaning and scouring powder and paste	lb.	24,241,067	2,361,181
Cleaning preparations, n.e.s.	—	—	1,653,828
Clips and staples, wire	—	—	1
Clocks	—	—	3,690,699
Cloth, gummed	—	—	1
Clothes pins	—	—	463,460
Clothes hampers	—	—	129,625
Clothing, rubber, n.e.s.	—	—	179,750
Clothing, safety	—	—	291,984
Clothing sport:			
Shorts:			
Women's and misses':			
Cotton	doz.	19,289	337,649
Rayon	"	13,100	259,479
Wool and wool mixtures	"	658	18,361
Not specified	"	4,252	121,008
Men's and youths':			
Cotton	"	14,734	270,729
Not specified	"	590	17,443
Boys':			
Cotton	"	7,767	133,649
Other	"	2,419	33,151
Children's:			
Cotton	"	11,549	121,113
Rayon	"	2,907	38,559
Wool and wool mixtures	"	802	13,573
Other	"	3,141	36,965
Not specified	"	5,481	179,645
Slacks:			
Women's and misses':			
Cotton	No.	226,338	459,327
Rayon	"	223,604	715,191
Wool and wool mixtures	"	256,055	1,067,264
Not specified	"	470,896	1,531,564
Men's and youths':			
Wool and wool mixtures	"	255,814	1,917,296
Other	"	164,977	818,139
Boys':			
Wool and wool mixtures	"	73,442	165,618
Other	"	82,933	258,909
Children's:			
Cotton	"	216,252	369,721
Rayon	"	28,679	62,888
Wool and wool mixtures	"	206,509	508,243
Not specified	"	28,656	50,076
Suits, sport:			
Ski and snow suits:			
Women's and misses'	No.	46,744	400,329
Children's	"	578,059	2,483,485
Not specified	"	199	2,203
Play suits	doz.	1,244	40,990
Other sport suits:			
Women's and misses':			
Wool and wool mixtures	No.	61,747	475,176
Rayon	"	63,123	514,370
Cotton	"	10,319	36,256
Men's and youths':			
Wool and wool mixtures	"	27,232	458,924
Other	"	10,776	120,095
Boys':			
Wool and wool mixtures	"	11,514	58,856
Other	"	2,327	4,824
Children's	"	13,071	52,199
Jackets and blazers (See "Coats" etc.):			
Parkas and hoods	doz.	3,774	40,781
Other sport clothing	—	—	496,728
Clothing, hospital	—	—	437,389
Clothing, oiled and waterproofed	—	—	825,332
Clothing, not specified	—	—	1,149,514
Coats and jackets:			
Boys' overcoats and top coats	No.	37,548	404,701
Men's and youths' overcoats and topcoats	"	718,394	20,226,741
Women's and misses' coats:			
Woollen	"	1,744,869	42,181,314
Other	"	47,442	1,133,022
Children's coats:			
Woollen	"	811,012	6,450,677
Other	"	9,416	63,784
Boys' separate jackets:			
Woollen	"	40,013	247,580

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1949 — Continued

Items	Unit of measure	Quantity	Value
			$
Coats and jackets — Concluded:			
Boys' separate jackets — Concluded:			
Other	No.	12,956	95,603
Men's and youths' separate jackets:			
Woollen	"	362,695	6,002,392
Other	"	35,765	352,533
Women's and misses' separate jackets:			
Woollen	"	140,955	1,012,561
Cotton	"	9,155	57,180
Other	"	70,868	480,689
Children's separate jackets:			
Woollen	"	54,526	166,941
Other	"	129,328	264,175
Short coats (Including windbreakers, makinaws, parkas, leather coats, vests, etc.):			
Wool and wool mixtures:			
Men's and youths'	doz.	45,307	4,086,397
Boys'	"	16,211	854,803
Children's (under 14)	"	1,365	79,858
Women's and misses'	"	4,860	404,005
Not specified	"	246	21,922
Cottons:			
Men's and youths'	"	53,268	5,416,962
Boys'	"	25,746	1,702,712
Children's (under 14)	"	12,904	651,652
Women's and misses'	"	8,877	498,231
Not specified	"	2,083	280,000
Leather:			
Men's and youths'	"	4,862	801,789
Boys'	"	280	34,761
Not specified	"	3,138	411,410
Other:			
Men's and youths'	"	12,037	1,312,440
Boys'	"	3,301	137,382
Children's (under 14)	"	3,450	168,507
Women's and misses'	"	11,537	1,154,702
Not specified	"	6,604	274,279
Rubber and rubberized coats	"	15,032	467,250
Oiled and other waterproofed	"	64,519	6,443,187
Brunch coats and house coats	"	20,779	716,514
Other cloth coats, not specified	—	—	2,575,828
Coats, fur:			
Children's	No.	510	16,342
Ladies' (Coats and capes)	"	212,524	46,484,449
Men's	"	718	134,455
Coats, fur-lined	"	9,105	1,070,470
Coats and capes, plastics	"	3,456	62,385
Coat shells and plates	—	—	1,197,426
Coatings, industrial (plastic)	—	—	190,246
Cobalt naphthenate	—	—	1
Cocoa (made for sale)	lb.	9,533,604	2,777,502
Cocoa butter:			
Made for own use	lb.	8,193,995	
Made for sale	"	956,479	646,428
Cocoa and chocolate preparations, not elsewhere specified (For sale)	"	3,569,737	1,417,534
Cocoanut, prepared and desiccated	—	—	1
Coffee, roasted	lb.	75,070,763	41,040,061
Coffee makers	—	—	1
Coffee substitute	—	—	1
Coffins	No.	4,116	82,367
Coffins and boxes (shells)	"	74,208	703,508
Coke, gas-house	ton	3,864,603	53,366,965
Coke, petroleum	"	117,369	1,118,234
Coke, pitch	—	—	1
Cold storage equipment	—	—	184,748
Collars, men's	—	—	1
Collars, fur	No.	40,769	491,832
Colours, butter, cheese and other	lb.	928,227	300,378
Colours, dry	—	—	2,793,326
Colours, in oil and japan	—	—	1
Combs	—	—	1,052,410
Comforters:			
Cotton	No.	89,979	331,740
Down	"	10,169	176,254
Wool	"	26,814	192,232
Not specified	—	—	41,654
Communication systems (see "Radio communication equipment"):			
Compacts, powder and rouge	—	—	179,576
Compressors, air	—	—	3,692,039
Concentrates used for soft drinks	—	—	2,375,809
Concrete, ready mixed	cu. yd.	936,523	9,120,498
Conduit, flexible, steel and non-metallic	ft.	3,027,124	158,615
Conduit, rigid:			
Aluminum	—	—	1
Electrical metallic tubing	lb.	2,050,646	569,747
Iron	"	20,973,169	2,858,583
Conduit fittings	—	—	1,217,000
Conduit and parts, not specified	—	—	1
Cones, ice cream	M.	406,823	1,342,022
Cones and tubes, textile winding	—	—	1
Confectionery, chocolate:			
In bulk	lb.	19,264,603	7,944,820
In bars	doz.	52,341,254	27,955,143

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Alphabetical List of Products Manufactured in Canada, 1949—Continued

Items	Unit of measure	Quantity	Value
			$
Confectionery, chocolate—Concluded:			
In packages	lb.	22,192,152	14,178,025
Moulded chocolate novelties	"	572,285	421,065
Not specified	"	899,835	588,541
Confectionery, marshmallow:			
In bulk	lb.	956,941	214,636
In packages	"	3,174,310	846,398
Confectionery, sugar:			
In bulk	lb.	55,755,350	12,834,692
In bars	doz.	1,581,058	823,786
In packages	lb.	14,031,919	4,758,912
Penny goods	gr.	3,925,309	3,330,414
Lozenges	lb.	1,390,215	310,187
Confectionery, toffee:			
In bulk	lb.	1,009,464	262,082
In packages	"	2,580,874	1,005,360
Confectionery, not specified	—	—	556,749
Confectionery mixes	lb.	391,380	113,804
Containers, n.e.s.	—	—	86,942
Control and starting equipment n.e.s.	—	—	8,655,332
Converter equipment, electrical	—	—	1,719,693
Coolers, milk and other	—	—	2,910,150
Cooperage products, not specified	—	—	108,800
Copper alloys	—	—	1
Copper naphthenate	—	—	1
Copper and copper products n.e.s.	—	—	991,581
Cores for paper rolls	—	—	860,774
Cores, textile winding	—	—	1
Cores, lumber	—	—	312,721
Cork products, not elsewhere specified	—	—	288,210
Corn, cracked	ton	4,432	309,132
Corn for popping	—	—	1
Corsets, girdles, brassieres, etc.:			
Corsets and girdles	doz.	197,577	6,421,681
Combination garments	"	29,080	1,452,845
Bandeaux, brassieres, etc.	"	574,682	7,175,428
Suspender girdles, shoulder straps, etc.	—	—	372,577
Corset steels and clasps	—	—	1
Cosmetic containers and other cosmetic accessories, n.e.s.	—	—	106,598
Cotter pins	—	—	1
Cotton fabrics:			
Unbleached or grey	lb.	60,420,593	
	yd.	182,630,653	47,963,304
Bleached or white	lb.	11,296,089	
	yd.	43,055,449	12,316,617
Yarn and stock dyed	lb.	16,093,286	
	yd.	38,950,827	15,009,133
Piece dyed	lb.	19,879,726	
	yd.	72,361,262	22,584,703
Printed and painted	lb.	14,944,256	
	yd.	65,612,775	19,754,867
Pillow cotton	lb.	393,072	
	yd.	1,147,382	430,572
Not specified	—	—	2,797,213
Counters, shoe	pr.	25,159,120	574,847
Couplings, flexible	—	—	121,468
Coverings, boiler and pipe, asbestos	—	—	1,127,273
Covers, canvas	—	—	1,626,428
Covers, couch, table, and other furniture	—	—	747,161
Covers, mattress	doz.	10,349	166,913
Covers, stockinette, meat (See "Knitted fabrics")			
Covers, radiator, fabric	—	—	111,909
Covers, seat, automobile	—	—	2,115,477
Covers, not specified	—	—	900,394
Crayons, wax and chalk	—	—	274,298
Cream, frozen, etc.	—	—	148,208
Cream, sold in dairy factories	lb. b. f.	30,950,068	31,227,423
Cream, whey, sold in dairy factories	"	955,931	440,603
Cream of tartar, refined	lb.	244,988	176,648
Cream separators	No.	8,242	861,117
Cresols	—	—	1
Croquet sets	—	—	1
Cross arms	—	—	579,812
Crucibles, clay	—	—	1
Crushers, rock, and parts	—	—	1
Cuffs, fur	pr.	868	12,741
Cultivators and parts	—	—	3,757,455
Cups, paper, baking, bonbon, etc.	—	—	266,308
Cups, paper, drinking	M.	727,717	3,032,488
Curtains, shower	—	—	165,790
Curtains, fabric	—	—	2,812,216
Curtain rods and fixtures	—	—	912,346
Cushions	—	—	521,632
Cushion forms	No.	104,281	75,423
Cushion tops	—	—	26,115
Cushions, mats and pads, air and sponge	doz.	1,512	27,026
Cutting blocks and tables, butchers'	—	—	101,560
Cutlery, all kinds (see also "Flatware")	—	—	1,198,362
Dairy products, not specified	—	—	468,085
Dairy equipment, not specified	—	—	524,583
Decorations, including party favours, confetti, etc.	—	—	754,396
D.D.T.	—	—	1

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1949 — Continued

Items	Unit of measure	Quantity	Value
			$
Dentifrices	—	—	4,830,023
Dentists' supplies, not elsewhere specified	—	—	338,336
Deodorant	—	—	1,171,813
Detergents	lb.	37,220,270	7,784,380
Dextrine	—	—	1
Dextrose (See "Glucose")			
Diamonds (gems)	—	—	1
Diaries, printed, etc.	—	—	210,545
Dibutyl phthalate	—	—	1
Dies, stamping, drawing and cutting	—	—	940,439
Dies, metal working, n.e.s.	—	—	1,882,832
Dies, aluminum	—	—	1
Dies, taps and stocks	—	—	1
Dies, rubber, etc.	—	—	241,763
Dioctyl, phthalate	—	—	1
Discs, agricultural	No.	40,232	13,086,729
Dishcloths	doz.	230,860	235,173
Dish washers, electrical, commercial	—	—	1
Disinfectants	—	—	786,513
Displays, advertising	—	—	1,210,317
Display forms, mounting, etc.	—	—	1,876,564
Ditchers, blade	—	—	1
Distillers' grain (see Grain, distillers')			
Dog collars and harness	—	—	67,600
Doilies, paper, dinner cloths, etc.	—	—	444,594
Dolls, all kinds	—	—	2,351,953
Dolls' furnishings and parts	—	—	364,630
Doors, metal clad	—	—	1,456,100
Doors, veneer and plywood	—	—	4,893,541
Doughnuts	—	—	4,677,936
Dowels	M. lin. ft.	31,835	270,272
Down, processed	—	—	18,774
Draperies, and drapery material	—	—	400,000
Drapes, window, paper	—	—	1
Dresses, women's and misses'			
Cotton (see also, Coats, brunch coats, house coats, etc.)	No.	5,288,906	12,857,047
Linen	"	203,841	712,768
Rayon and rayon mixtures	"	7,371,246	50,993,997
Velvet	"	26,666	304,804
Woollen	"	413,606	4,794,938
Not specified	"	156,309	1,228,225
Dresses, children's:			
Cotton	No.	1,902,974	2,845,231
Rayon and rayon mixtures	"	1,188,917	2,579,130
Woollen	"	131,122	450,490
Not specified	"	35,633	135,252
Dressing gowns, negligees, (see Bathrobes, etc.)			
Dressing, salad	lb.	16,986,449	6,008,931
Dressings and finishes, leather, (not including polish)	—	—	908,966
Drilling machines	—	—	234,068
Drills, grain and fertilizer (combination)	No.	29,229	8,995,896
Drills, grain, press and plain	"	8,301	2,845,541
Drills, taps, reamers etc. incl. screw plates	—	—	3,737,262
Drills, mining and metallurgical	—	—	2,649,114
Drives, V-belts	—	—	1,010,189
Druggists' sundries:			
Hot water bottles	doz.	25,809	183,871
Nipples and soothers	"	518,414	178,762
Ice caps and collars	"	2,898	23,460
Not specified	"	—	9,584
Drums, veneer and plywood	—	—	714,662
Dycyandiamide	—	—	1
Dyeing, finishing, shrinking, etc.:[2]			
Dyeing and finishing of textiles	yd.	67,253,036	8,258,659
Dyeing and finishing of yarns	lb.	1,667,112	382,280
Dyeing and finishing of other products	—	—	534,463
Bleaching, sponging, dyeing, etc.	—	—	1,729,985
Dyes, blended and packaged	—	—	2,583,602
Dyes, leather	—	—	45,935
Ear muffs	—	—	25,514
Eavetrough and pipe	—	—	1,548,764
Economizers	—	—	169,654
Egg cases	No.	668,917	375,124
Egg case fillers	—	—	391,692
Egg substitute, including powdered albumen	—	—	13,784
Eggs, frozen	—	—	1
Elastic products, not elsewhere specified	—	—	553,288
Electric heating elements (sold separately)	—	—	1,074,868
Electrical apparatus, parts and supplies, not elsewhere specified	—	—	9,248,119
Electrical instruments and meters, except ammeters for autos	—	—	9,288,556
Electrodes, carbon and graphite	—	—	1
Electrotyping and stereotyping	—	—	4,784,504
Elevators, freight and passenger	—	—	9,108,271
Elevator parts	—	—	3,098,155
Embalming fluid	—	—	182,701
Embossing	—	—	257,410
Embroideries and laces	—	—	3,448,586
Enamels, oil and synthetic	Imp. gal.	5,278,777	22,161,476
Engines, aircraft	—	—	1
Engines, auto	—	—	1
Engines, auto, parts	—	—	1
Engines, diesel	No.	60	966,469

1. Indicates that the commodity was reported by only one or two concerns.
2. Does not include fabrics dyed or bleached by firms maintaining a dyeing and finishing department of their own.

Alphabetical List of Products Manufactured in Canada, 1949 — Continued

Items	Unit of measure	Quantity	Value
			$
Engines, gasoline, marine type	No.	26,657	4,014,373
Engines, gasoline, other	"	48,395	3,328,951
Engines and turbines, steam	"	356	237,343
Engine parts	—	—	1,772,573
Engraving (Trade work)	—	—	812,251
Ensilage cutters	—	—	1
Envelopes, made	M.	3,195,048	8,909,038
Envelopes, printed	—	—	4,815,958
Escalators	—	—	1
Ethyl acetate	—	—	1
Ethyl hexonal	—	—	1
Evaporators, commercial	No.	24,271	1,515,603
Excelsior, paper	—	—	85,406
Excelsior, wood	ton	7,950	324,497
Excelsior pads, wrappers, etc.	No.	15,646,133	301,065
Explosives	—	—	14,397,376
Extracts, flavouring (bakers', confectioners' household, etc.)	—	—	3,924,226
Extracts, flavouring, etc. (used for soft drinks)	gal.	148,970	1,275,279
Eyes, artificial	—	—	1
Fabrics, coated and impregnated, including felt saturated	—	—	5,655,469
Fabrics, rubberized and waterproofed	—	—	1,008,899
Fabrics, not specified	—	—	280,903
Facial tissue (see "Tissues, cleansing")			
Facing and parting, foundry	—	—	304,991
Fanning mills	No.	3,641	364,989
Fans, electric	"	159,638	1,581,944
Fasteners, zipper	ft.	32,884,896	4,331,479
Fasteners, other than zippers	—	—	487,520
Fats, animal n.s.	lb.	1,709,090	53,363
Feathers, millinery	—	—	900,633
Feed, chopped grain	ton	1,201,900	68,225,087
Feed cutters and mixers	No.	716	86,801
Feed, stock and poultry, (see "Foods, stock and poultry, etc.").			
Felt, coated and saturated (included in "Fabrics, coated, etc.")			
Felt, cotton	lb.	5,548,233	691,666
Felt, hair and jute	"	274,756	71,402
Felt, harness and athletic	"	537,605	359,192
Felt, for pulp and paper making	"	3,693,276	6,655,382
Felt, padding and lining	—	—	722,397
Felt, paper (see Paper)			
Felt, insole	lb.	334,846	172,349
Felt, shoe and gaiter	—	—	407,599
Felt, not specified	—	—	2,305,607
Fences, electrical, and equipment	No.	13,308	115,336
Fencing, steel wire:			
Farm fence	ton	18,398	2,641,497
Lawn fence	"	1,470	348,125
Chain link fabric	"	2,429	540,319
Fencing, snow	—	—	656,171
Fencing, other	—	—	23,668
Ferric chloride	—	—	1
Ferro-alloys, (ferro-silicon, ferro-chrome, ferro-manganese, silicon spiegal, etc.)	ton	202,060	28,046,306
Ferro-phosphorus	—	—	1
Fertilizers	—	—	24,787,228
Fertilizer sowers	No.	232	19,506
Fibre, staple (rayon)	—	—	1
Fibre glass products	—	—	1
Files and rasps	—	—	1
Filing system supplies	—	—	2,186,571
Filling, pie, apple	lb.	4,001,236	387,795
Filling, pie, other than apple	"	3,676,721	619,628
Filling, pie, powder (see "Powder, pie")			
Fillings, not specified	lb.	235,643	40,229
Films, motion picture	—	—	1
Films, photographers', including x-ray films	—	—	1
Filter discs, etc.	—	—	1
Filters, mining and metallurgical	—	—	344,105
Firearms including shot guns, rifles, etc.	—	—	682,661
Fire clay	ton	5,204	46,377
Fire extinguishers and supplies	—	—	1,700,664
Fire fighting and fire protection equipment, not elsewhere specified	—	—	2,677,206
Fireplaces and furnishings	—	—	696,216
Fireworks (See "Pyrotechnics")			
Fish, canned	lb.	96,860,208	37,247,473[3]
Fish, otherwise prepared	—	—	20,679,561[3]
Fish, fresh, marketed for consumption, sold in factories	—	—	39,759,961[3]
Fishing nets and netting	—	—	1
Fishing tackle	—	—	2,062,663
Fixtures, lighting, exterior	—	—	1,446,068
Fixtures, lighting, commercial	—	—	5,559,823
Fixtures, lighting, industrial	—	—	3,158,775
Fixtures, lighting, residential	—	—	3,495,567
Fixtures, lighting, not specified	—	—	1,670,346
Flags and bunting	—	—	210,276
Flashlights and cases	—	—	1,022,542
Flatware, electro-silver plated and sterling (See also "Cutlery")	—	—	10,124,834
Floor cleaning equipment, n.e.s.	—	—	1
Floor covering, including oilcloths, etc.	—	—	1
Flooring, hardwood	—	—	11,045,991
Floor tile and joists, steel	—	—	1
Flotation machines (mining and metallurgical)	—	—	213,235
Flour, barley	lb.	62,132	3,328

1. Indicates that the commodity was reported by only one or two concerns.
3. Exclusive of Newfoundland.

Alphabetical List of Products Manufactured in Canada, 1949 — Continued

Items	Unit of measure	Quantity	Value
			$
Flour, buckwheat	lb.	1,590,432	112,171
Flour, corn	"	3,761,692	179,709
Flour, diabetic	—	—	1
Flour, potato (See "Starch and Flour")			
Flour preparations for sausage fillings	lb.	6,339,119	618,352
Flour, prepared and self-raising, cake mixes, pie crust, etc.	"	40,650,973	6,211,273
Flour, soy bean	—	—	1
Flour wheat:			
Spring, No. 1, including semolina	bbl.	4,231,287	41,410,508
Spring, No. 2 patent	"	4,272,251	38,382,855
Spring, No. 3 patent	"	8,941,714	83,547,472
Ontario winter	"	1,246,460	11,595,934
Low grade flour	"	565,018	4,404,449
Durum semolina	"	249,924	2,369,389
All other	"	563,447	4,832,732
Flour, graham or whole wheat	—	—	2,152,505
Flour, rice	—	—	1
Flour, rye	ton	2,334	186,358
Flowers, artificial	—	—	1,756,588
Flue linings	—	—	1
Fly pads and paper	—	—	1
Fly swatters	—	—	1
Foil, tin, lead and aluminum	—	—	9,352,769
Folding (trade work)	—	—	219,457
Food drinks, liquid (See also "Powders")	gal.	2,759,625	2,040,089
Food, fox, dog, etc.:			
Fox biscuits	ton	441	51,226
Dog biscuits	"	1,933	366,691
Fox and dog biscuits	"	65	13,525
Canned dog and cat food	"	20,704	4,011,277
Other dog and cat food	"	7,925	1,387,279
Other fox food	"	5,864	627,193
Mink and other animal food	"	8,964	911,975
Food, stock	"	836,629	57,428,833
Food, poultry	"	816,371	65,374,804
Food, stock and poultry n.e.s.	"	65,278	4,675,512
Food mixers	No.	53,392	1,335,468
Food, infant and invalid	lb.	4,949,257	1,603,269
Food, infant, canned	"	31,322,147	8,070,808
Food products, not specified	—	—	776,877
Foods, vegetable oil	lb.	2,903,768	67,187
Footwear, leather:			
Felt upper:			
Babies'	pr.	71,290	94,674
Boys'	"	104,681	186,703
Children's, including little gents	"	145,318	192,835
Men's	"	474,953	977,423
Youths'	"	16,905	29,423
Misses'	"	157,348	255,873
Women's and growing girls'	"	212,589	334,574
Leather or fabric upper:			
Babies'	pr.	2,862,278	4,160,868
Boys'	"	1,166,312	3,541,110
Children's	"	1,903,667	4,096,153
Misses'	"	2,347,091	5,644,646
Men's	"	7,107,745	36,068,798
Youths'	"	386,624	975,508
Women's and growing girls'	"	13,497,997	51,175,858
Not specified	"	292,005	992,698
Footwear, shoe packs, larrigans, moccasins, etc.:			
Babies'	pr.	22,998	9,955
Boys'	"	23,230	34,176
Children's	"	4,208	5,165
Men's	"	135,283	336,446
Youths'	"	3,715	6,291
Women's, misses' and growing girls'	"	169,081	291,198
Not specified	"	864	2,160
Footwear, rubber:			
Knee and hip boots, all rubber	pr.	2,013,491	4,744,655
Lumbermen's boots, all rubber	"	793,081	1,703,896
Lumbermen's boots, leather tops	"	202,449	1,293,169
Overshoes and galoshes, cloth	"	1,754,579	5,425,256
Overshoes and galoshes, all rubber	"	2,849,775	6,979,213
Light and heavy rubbers	"	3,692,031	3,275,747
Rubber soled, leather tops	"	5,107	29,378
Rubber bottoms for leather tops	"	265,767	467,039
Footwear, utility, fabric uppers:			
Wood heel lines	pr.	614,425	1,298,747
Other lines	"	2,512,597	3,521,717
Forgings, including drop, shell, etc.	—	—	10,131,340
Forks, farm implements	No.	462,003	583,471
Forms, continuous, printed	—	—	7,172,794
Fountains, soda and lunchette equipment	—	—	1,091,734
Frames and cases, spectacle, etc.	—	—	1
Freezers, ice cream	—	—	1
Freezers, individual, home and farm	No.	2,290	681,897
Fringes, cords and tassels	—	—	653,800
Frit, enamel	—	—	1
Fruit butter n.e.s. (See also "Apple and Lemon butter")	—	—	2,630
Fruit drinks	—	—	346,265
Fruit juices, canned (see also "Grape Juice")	lb.	39,730,751	2,305,416
Fruit juices, other	"	1,383,994	91,959

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1949 — Continued

Items	Unit of measure	Quantity	Value
			$
Fruit peel, candied	lb.	2,429,176	608,921
Fruit pulp	"	321,576	45,095
Fruits, canned:			
Apples, including crab apples	lb.	13,741,691	1,091,350
Apple sauce	"	6,560,143	692,838
Apricots	"	2,353,054	441,234
Blackberries	"	237,691	42,054
Blueberries	"	1,752,193	311,573
Cherries	"	6,010,078	1,180,083
Loganberries	"	147,512	31,373
Peaches	"	46,875,307	6,613,897
Pears	"	24,637,427	3,437,712
Plums	"	4,744,193	397,108
Raspberries	"	3,738,896	946,302
Rhubarb	"	581,898	53,435
Strawberries	"	3,101,764	734,823
Other fruits, not specified, (grapefruit, pineapple, etc.)	"	12,496,752	2,434,164
Fruits, fountain	"	1,531,989	549,384
Fruits, glacé	"	3,854,062	1,502,369
Fruits, maraschino cherries	"	2,463,048	1,342,797
Fruits, frozen for re-processing	"	8,500,545	1,292,875
Fruits, frozen, not for re-processing	"	6,625,300	1,574,503
Fruits in SO^2, for re-processing	"	11,335,185	946,757
Fruits, not specified	—	—	164,273
Fuel, hog	units	278,485	218,611
Funnels, sheet metal	—	—	42,561
Fur dressing and dyeing	—	—	6,691,418
Fur trimmings	—	—	1,822,871
Fur, remodelling, etc.	—	—	5,924,040
Furnaces, electro-metallurgical	—	—	410,996
Furnaces, hot air	—	—	10,964,327
Furnaces, industrial, other	—	—	1
Furnaces, not specified, and furnace parts	—	—	1,382,100
Furniture:			
Bedroom	—	—	22,357,840
Breakfast room	—	—	2,088,128
Dining room	—	—	5,366,453
Kitchen	—	—	6,305,138
Living room	—	—	29,193,038
Other household	—	—	13,050,944
Office and store furniture and fixtures	—	—	20,493,066
Steel and metal, not specified	—	—	194,950
Children's	—	—	2,169,677
School, lodge, church and theatre	—	—	6,406,875
Camp, lawn and verandah	—	—	932,245
Wicker, fibre, reed and rattan, not specified	—	—	97,222
Furniture, not specified, and other cabinet work	—	—	4,785,703
Furniture frames and parts	—	—	2,837,158
Fuses and fuse wire	—	—	2,697,836
Gaiters, spats and leggings	—	—	69,256
Galvanized ware	—	—	2,138,893
Games, not specified	—	—	942,174
Garages, metal	—	—	1
Garage equipment, n.e.s.	—	—	752,500
Gas made:			
Retort coal gas	M. cu. ft.	10,557,237	
Coke oven gas	" " "	50,326,936	
Producer gas	" " "	1,471,758	
Water gas	" " "	8,498,772	
Not specified	" " "	333,037	
Gas sold	" " "	24,687,925	27,205,696
Gas used in heating ovens, retorts or gas plants	" " "	18,573,334	3,291,027
Gas used in associated metallurgical work	" " "	26,228,966	3,879,245
Gas, otherwise accounted for, but not sold	" " "	386,264	180,759
Gas, not accounted for	" " "	2,209,144	1,153,572
Gas, still, from petroleum refineries	" " "	12,982,436	6,998,083
Gas, oil, pintsch	" " "	46,875	630,153
Gasoline	Imp. gal.	1,440,466,532	234,153,039
Gates	No.	37,802	482,466
Gauges, pressure	—	—	276,536
Gauges, plug, ring, thread, etc.	—	—	167,998
Gears, rubber tired truck, trailers, etc.	No.	10,281	1,539,442
Gears, transmission	—	—	1,294,105
Gelatine	—	—	1
Generators:			
Alternating current	No.	172	7,223,761
Direct current	"	53	241,771
Generators, engine driven	—	—	1
Generator parts	—	—	731,689
Glass, bent	—	—	39,681
Glass, bevelled and polished edge, plates and sheets	—	—	1,341,941
Glass, chipped or etched	—	—	104,765
Glass, cut	—	—	1,164,006
Glass, fibre	—	—	1
Glass, leaded, including memorial windows	—	—	197,310
Glass, non-shatterable	—	—	7,228,821
Glass, pressed, blown and drawn including bottles, sealers, window, kitchenware etc.	—	—	27,443,102
Glass vials and chemical glass ware	—	—	453,731
Glass products, other, including windshield glass	—	—	2,146,310
Gloves, mittens and gauntlets, fabric:			
Dress:			
Cotton, men's	doz. pr.	233	2,630

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1949 — Continued

Items	Unit of measure	Quantity	Value
			$
Gloves, mittens and gauntlets, fabric — Concluded:			
Dress:			
Cotton, women's	doz. pr.	49,264	573,163
Cotton, children's	" "	5,528	39,741
Rayon and rayon mixtures, all types	" "	77,737	625,904
Not specified	" "	88,872	842,678
Work:			
Cotton, men's	" "	596,230	1,708,918
Cotton, women's	" "	7,894	21,652
Not specified	" "	87,589	401,147
Gloves and mittens, leather, dress:			
Men's, lined	" "	71,585	1,470,785
Men's, unlined	" "	28,924	758,713
Women's and children's, lined	" "	38,111	494,398
Women's and children's, unlined	" "	49,069	1,173,306
Gloves and mittens, leather, work:			
Men's, lined	" "	47,052	619,006
Men's, unlined	" "	314,165	3,581,452
Women's and children's, lined	" "	53,220	533,267
Women's and children's, unlined	" "	6,113	43,762
Gloves, knitted, n.e.s.	" "	168,096	1,265,470
Gloves and mittens, leather, sport (See also, "Sport gloves and mittens, baseball, hockey, etc.")	—	—	109,001
Gloves and mittens, n.e.s.	—	—	193,265
Gloves and mittens, fur and fur-lined	doz. pr.	935	8,917
Gloves, rubber and rubberized	" "	144,478	851,899
Glucose and dextrose	—	—	[1]
Glue (bone, hide, fish and vegetable)	lb.	39,030,302	5,434,135
Glue stock	"	35,801,029	398,349
Gluten feed	—	—	[1]
Glycerine, crude	lb.	1,875,651	354,886
Glycerine, refined	"	11,794,054	3,476,657
Glycerine substitute	—	—	[1]
Glycol, ethylene	—	—	[1]
Glycols	—	—	[1]
Goggles, sun	—	—	[1]
Gold alloys	—	—	3,833,581
Gold, fine	—	—	1,296,839
Gold, leaf	—	—	[1]
Golf supplies, including golf bags, clubs, heads, etc.	—	—	1,030,490
Grains, sold wet and dry (Breweries and distilleries)	ton	166,955	2,548,429
Granite, monuments	—	—	3,557,444
Granite, for building purposes	—	—	611,696
Granules, roofing	—	—	[1]
Grape concentrate	—	—	[1]
Grape juice	lb.	3,262,584	426,110
Graphite, powder and other	ton	3,425	1,154,764
Grate bars and grating	—	—	432,372
Gravy preparations	—	—	144,895
Grease	—	—	679,908
Grease, lubricating	lb.	44,160,777	3,569,113
Grills and hot plates, electric	No.	242,026	1,239,210
Grinding machines	—	—	213,457
Grinding balls	—	—	2,578,360
Guanidine nitrate	—	—	[1]
Gums, unvulcanized	lb.	1,205,841	341,142
Gymnasium supplies, not specified	—	—	74,015
Gypsum blocks and sheathing	sq. ft.	1,553,311	123,843
Hair, animal	lb.	4,753,817	1,658,859
Hair cloth	—	—	[1]
Hair nets	—	—	66,063
Hair goods, not specified	—	—	44,258
Hair wavers, curlers, pads, etc.	—	—	345,103
Halters, leather	No.	36,771	60,691
Hammers, forging	—	—	[1]
Hammocks	—	—	30,000
Handkerchiefs	doz.	844,064	1,012,984
Handles, broom and mop	No.	7,082,514	417,431
Handles, long tool and axe	"	2,087,389	908,056
Handles, small tool	"	13,237,547	559,744
Handles, n.e.s.	—	—	390,656
Hangers, garment	—	—	910,496
Hardware, automobile	—	—	5,062,040
Hardware, builders'	—	—	10,092,928
Hardware, furniture	—	—	1,713,103
Hardware, harness and saddlery	—	—	348,205
Hardware, pole-line (See also "Line material")	—	—	6,987,494
Hardware, not specified	—	—	2,890,181
Harness, double	set	1,935	127,095
Harness, single	"	1,626	75,182
Harness collars	No.	27,267	143,998
Harness parts	—	—	567,756
Harrows	—	—	5,540,972
Harrow carts	—	—	[1]
Hassocks	—	—	262,672
Hat blocks	—	—	63,694
Hats, cotton:			
Men's	doz.	21,949	442,629
Women's and children's	"	5,878	63,502
Hats, fur felt:			
Men's	doz.	119,692	5,874,429
Women's	"	63,044	3,012,932

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1949 — Continued

Items	Unit of measure	Quantity	Value
			$
Hats, fur felt — Concluded:			
Children's	doz.	300	4,650
Hats, wool, felt:			
Men's	doz.	30,722	513,642
Women's	"	177,054	4,176,932
Children's	"	12,872	154,360
Hats, velour felt:			
Men's	doz.	2,405	94,800
Woman's	"	4,244	232,537
Not specified	"	2,226	33,375
Hats, straw:			
Men's	doz.	3,402	83,740
Women's	"	107,493	3,814,571
Children's	"	22,558	92,743
Hats, panama	doz.	5,482	230,087
Hats, silk and rayon, women's	"	2,988	84,387
Hats, velvet, women's and children's	"	3,533	92,370
Hats, wool, women's and children's	"	3,216	51,391
Hats, waterproofed	"	737	6,461
Hats, not specified:			
Men's	doz.	15,061	38,398
Women's	"	26,945	521,164
Children's	"	1,480	21,358
Tams, berets, and turbans	"	6,335	35,019
Headwear, not specified	—	—	1,063,788
Hats and caps, fur	doz.	1,989	97,817
Hats, cleaned and reblocked	"	2,060	17,150
Hat bodies	"	259,851	2,353,781
Hatters' supplies, including hat linings	—	—	135,699
Hay carriers	—	—	1
Hay loaders	No.	6,502	1,005,490
Hay rakes, dump, tedders, etc.	"	20,474	2,309,974
Hay and straw balers	—	—	1
Heading, barrel	—	—	666,711
Hearing aids	—	—	1
Heaters, air, electric	—	—	292,005
Heaters, auto and engine	—	—	3,328,904
Heaters, boiler, feed, water	—	—	279,274
Heaters, electric, unit	—	—	2,144,211
Heaters, water tank, electric	No.	185,182	2,408,722
Heaters, water tank, gas	"	36,720	1,368,733
Heaters, water tank, coal, wood or oil	"	8,392	272,059
Heaters, not specified	—	—	265,303
Heating and ventilating equipment, not elsewhere specified	—	—	7,097,878
Heels, leather and wood	pr.	19,654,642	2,321,488
Heels, rubber and composition	"	15,463,394	1,412,020
Heel lifts	—	—	6,310
Helmets	—	—	254,062
Hides, all kinds	—	—	15,959,362
Hockey pucks	doz.	23,423	18,840
Hockey sticks	"	101,126	1,060,647
Hoes, hand	No.	216,766	193,775
Hoists	—	—	1,553,317
Holders, cigar and cigarette	—	—	1
Hollow-ware, sterling silver	—	—	565,036
Hollow-ware and spinnings, brass, and copper	—	—	70,552
Hollow-ware, electro-silver plated	—	—	3,083,820
Hollow-ware, other	—	—	71,402
Holster sets	—	—	1
Honey butter	—	—	1
Hooks, eyes, notions, etc., not elsewhere specified	—	—	43,801
Hoops, wooden	M.	1,719	48,580
Hoops, strips (Included in "Sheets, hoops, etc., iron and steel")			
Hooves and horns	lb.	604,681	13,680
Hormones	—	—	1,529,312
Horseradish, prepared	lb.	275,654	134,569
Horseshoes	—	—	272,070
Hose, fire, unlined, linen	—	—	1
Hose, rubber	—	—	6,570,463
Hoisery:			
Cotton and cotton mixtures:			
Men's seamless:			
Work socks	doz. pr.	204,953	570,252
Fine socks	" "	273,079	1,312,062
Other (anklets, sports, etc.)	" "	237,674	1,131,563
Women's seamless:			
Full length stockings	" "	322,416	1,270,906
Other (anklet, sports, etc.)	" "	394,814	991,414
Children's seamless:			
Full length stockings	" "	410,253	1,276,074
Golfers	" "	84,758	328,617
Other	" "	889,410	1,955,176
Full fashioned (all types)	" "	113,220	895,270
Silk and silk mixtures, seamless and full-fashioned	" "	61,808	701,378
Rayon and rayon mixtures:			
Men's seamless	" "	33,382	268,390
Women's, seamless	" "	111,852	460,286
Children's seamless	" "	206,955	546,723
Full fashioned (all types)	" "	91,195	846,376
Synthetic fibres (Nylon, etc.):			
Seamless	" "	249,783	1,584,579
Full-fashioned	" "	2,992,333	29,453,976

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1949 — Continued

Items	Unit of measure	Quantity	Value
			$
Hosiery — Concluded:			
Wool and wool mixtures:			
Men's seamless:			
Work socks	doz. pr.	640,525	3,065,882
Fine socks	" "	683,564	6,309,739
Other	" "	351,016	2,554,605
Women's seamless:			
Full length stockings	" "	124,495	1,213,483
Other (anklets, etc.)	" "	68,850	275,163
Children's seamless:			
Full length stockings	" "	214,840	1,162,437
Golfers	" "	91,654	517,609
Other (half length, anklets etc.)	" "	118,618	429,130
Hosiery, not specified	" "	54,690	375,216
Houses pre-fabricated	—	—	2,446,126
Humidifiers and air conditioners	—	—	701,688
Hydrants	—	—	740,339
Hydrogen	cu. ft.	87,790,070	318,132
Hydrogen chloride, anhydrous	—	—	1
Hydrogen peroxide	—	—	1
Hydrol	—	—	1
Ice, artificial	ton	990,905	5,363,404
Ice cream (factory)	gal.	23,491,607	34,585,662
Ice cream mix	—	—	1,810,948
Ice cream sundries	—	—	17,620
Icings and icing paste n.e.s.	—	—	234,346
Implements, hand, n.e.s.	—	—	173,746
Incense	lb.	8,941	9,753
Incubators and other poultrymen's supplies	—	—	241,017
Infants' wear (See also "Knitted Infants' wear"):			
Bibs	doz.	86,935	155,736
Coats	"	19,338	1,337,034
Dresses	"	67,597	905,651
Diapers	"	36,635	134,246
Headwear	"	33,151	206,706
Night gowns	"	74,748	369,471
Rompers	"	24,888	286,877
Sleeping bags	"	6,838	284,983
Slips	"	6,614	37,051
Not specified	—	—	126,055
Ingots (see "Aluminum", "Steel" "Brass", etc.)			
Ink, printing and lithographing	lb.	21,594,376	7,628,047
Ink, writing	"	885,659	316,807
Ink, not specified	—	—	213,195
Insecticides	—	—	3,704,462
Instruments, scientific, n.e.s.	—	—	1
Insulating materials, n.e.s.	—	—	1,753,667
Insulators, porcelain and insulator parts	—	—	5,878,419
Iron, pig:			
Quantity made	ton	2,154,485	
Quantity sold	"	391,423	16,400,258
Iron and steel products, rolled, n.e.s.	"	77,352	2,045,380
Irons, electric	—	—	2,716,205
Irons, gasoline	—	—	1
Ironers, electric	No.	18,058	1,349,433
Iron work, ornamental and architectural	—	—	6,493,773
Ironing boards	—	—	1
Isobutylene	—	—	1
Jacks, auto	—	—	1
Jacks, hydraulic	—	—	1
Jams	lb.	65,864,578	10,411,942
Javelle water	—	—	4,453,802
Jellies	lb.	5,346,983	917,661
Jersey cloth (Included in "Knitted fabrics")			
Jewellery	—	—	16,808,945
Jigs and fixtures	—	—	781,169
Jointers, woodworking	No.	2,915	112,791
Jute, jute paddings and jute yarn	—	—	1,672,186
Kapok	—	—	1
Kegs, beer	No.	11,112	94,059
Kegs, fish	"	8,573	20,343
Kegs, nail, etc.	"	1,619,903	750,116
Kerosene	Imp. gal.	14,749,285	2,433,417
Kitchen equipment for hotels, cafeterias, etc.	—	—	4,097,149
Kitchenware, aluminum, including pressure cookers	—	—	10,143,668
Kitchenware and ovenware, glass (Included with glass, pressed and blown)			
Kitchenware, other (see also "Woodenware, kitchen")	—	—	4,186,894
Knitted fabrics:			
Cotton stockinette, including meat wrap	lb.	1,054,974	1,196,867
Cotton, not specified	"	1,690,185	2,032,874
Rayon	—	—	5,611,678
Wool	lb.	693,668	2,136,346
Other	—	—	495,728
Knitted goods, miscellaneous:			
Infants' jackets, booties, etc.	—	—	3,037,337
Knitting, custom	—	—	61,957
Knives, machine	—	—	916,898
Knives, bread, paring, etc.	—	—	155,831
Labels, gummed paper	—	—	400,641
Labels, paper, not gummed	—	—	1
Labels, fabric	—	—	900,717
Laces, shoe, silk, cotton, etc.	—	—	839,997
Laces, shoe, leather	doz. pr.	6,102	5,163

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1949 — Continued

Items	Unit of measure	Quantity	Value
			$
Laces, corset	—	—	71,887
Lacquers	Imp. gal.	1,779,930	5,371,293
Lacrosse sticks	—	—	1
Lactose (see "Sugar of Milk")			
Ladders, step, extension, etc.	—	—	1,130,607
Lamps, incandescent, except therapeutic (bulbs)	No.	89,174,084	10,076,304
Lamps, fluorescent (bulbs)	"	5,359,484	3,383,134
Lamps, electric:			
Floor:			
Incandescent	—	—	1,782,192
Fluorescent	—	—	5,393
Table:			
Incandescent	—	—	1,970,640
Fluorescent	—	—	39,764
Other:			
Incandescent	No.	106,817	246,222
Not specified	—	—	612,701
Lamps, other than electric	—	—	374,842
Lamp shades and wire frames	—	—	2,149,874
Lamp stands and lamp bases	—	—	447,369
Lanterns, including railway, marine, etc.	—	—	1,199,362
Land levellers	—	—	1
Lard	lb.	74,954,275	13,877,006
Lasts, trees and shoe findings, not specified	—	—	956,569
Latex compounds	lb.	1,732,720	786,588
Lathes, metal-working	—	—	1,494,277
Lathes, wood-working	No.	2,835	44,926
Lath, metal	—	—	990,964
Lath, gypsum	sq. ft.	173,994,976	4,409,562
Laths, wood	M.	130,399	1,140,308
Lead naphthenate	—	—	1
Lead, refined	lb.	35,752,061	5,768,890
Lead, red	"	4,931,076	839,443
Lead, white, dry	—	—	1
Lead, white, in oil	lb.	2,328,326	415,572
Lead, sheet	"	4,984,646	1,072,653
Lead products, n.s.	—	—	4,147,507
Leads for pencils	—	—	99,538
Leather:			
Belting	lb.	477,923	658,790
Bag, case and strap	sq. ft.	4,145,608	1,941,125
Garment	"	4,159,215	1,798,943
Glove	—	—	3,345,160
Harness	lb.	1,184,664	743,534
Lace	"	121,962	138,206
Oil tanned, shoe pack	"	514,330	134,876
Sole:			
Bellies	lb.	4,013,411	1,525,173
Bends	"	9,696,515	6,764,939
Crops	"	2,497,629	1,475,542
Shoulders	"	4,053,579	1,908,127
Upholstering	—	—	1
Upper leather:			
Calf skins	sq. ft.	12,198,050	8,342,223
Cattle and horse hides	" "	38,968,439	15,148,517
Chrome splits	" "	11,954,339	2,507,486
Goat skins	" "	1,073,163	421,515
Sheep skins	" "	3,128,260	798,056
Wax splits	" "	597,458	133,412
Other leather, not specified	" "	3,805,775	1,369,787
Leather splits, not specified	—	—	796,038
Leather, not specified	—	—	1,993,896
Leather, artificial	sq. yd.	1,724,020	1,518,747
Leather goods, not specified	—	—	524,555
Lecithin	—	—	1
Lemon butter and cheese	—	—	61,549
Lenses, optical	—	—	2,820,045
Lenses, optical, contact	—	—	1
Life buoys, jackets, belts, etc.	—	—	213,082
Lighter fluid	—	—	276,126
Lighters, cigarette and parts	—	—	3,396,845
Lightning arresters, n.e.s.	—	—	877,569
Lightning rods and supplies	—	—	391,157
Lime, grey acetate	—	—	1
Lime, quick (including value of containers)	—	—	11,905,845
Limestone (building and monument)	—	—	2,718,194
Line material incl. overhead trolley (see also "Hardware, pole line")	—	—	1
Linings, brake, asbestos	ft.	4,871,602	1,414,294
Linings, glove, shoe, etc.	lb.	1,258,078	1,721,352
Linings, not specified	—	—	537,157
Litharge	lb.	8,188,079	1,358,967
Lithographing (see "Printing")			
Locomotives, standard steam railway, new	No.	251	30,407,835
Locomotives, diesel-electric, new	"	68	7,736,590
Locomotives and car parts	—	—	17,242,779
Looms, weaving	—	—	333,982
Lubricating systems, automobile and other	—	—	918,186
Lumber, matched	M. ft. b. m.	206,875	16,533,286
Lumber, planed	" "	2,203,296	144,465,142
Lumber, sawn	" "	4,524,786	245,146,761
Lumber, not specified	" "	57,872	3,862,495
Lye	—	—	1

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Alphabetical List of Products Manufactured in Canada, 1949 — Continued

Items	Unit of measure	Quantity	Value
			$
Macaroni and spaghetti, canned	lb.	24,271,550	2,805,675
Macaroni, vermicelli, spaghetti, etc., dry	ton	29,823	5,942,911
Macaroni products, n.e.s.	—	—	1
Machinery:			
Accounting machines	—	—	1
Adding and other calculating	—	—	1,588,806
Bakers', mixing	—	—	600,766
Bakers', not elsewhere specified	—	—	271,880
Boring (metal-working)	—	—	1
Bottlers'	—	—	604,065
Canning and parts	—	—	1,258,847
Cheese factory	—	—	45,873
Chlorinating	—	—	1
Cleaning and pressing (Included in "Laundry, cleaning and pressing machinery")			
Coal handling and pulverizing	—	—	317,887
Concrete and cement making	—	—	936,401
Conveying and elevating (except passenger and freight elevators and parts)	—	—	6,845,516
Dairy, including milking machines	—	—	3,069,051
Flour and grist mill, not elsewhere specified	—	—	493,284
Grain grinding, cleaning, etc.	—	—	348,237
Grain loaders and elevators	—	—	1,535,061
Hoisting, except mine hoists	—	—	8,006,338
Kitchen and other household	—	—	1,012,096
Knitting	—	—	1
Laundry, cleaning and pressing	—	—	2,939,095
Leather-working, not elsewhere specified	—	—	1,388,500
Logging	—	—	1,116,233
Lumber and shingle drying	—	—	1
Metal-working, not elsewhere specified	—	—	55,215
Milking (Included in "Machinery Dairy")			
Milling (Metal-working)	—	—	1
Mining and metallurgical, not elsewhere specified, and parts	—	—	4,069,108
Office, not elsewhere specified	—	—	1,399,850
Oil refining	—	—	32,665
Plastics	—	—	109,213
Printing	—	—	281,853
Pulp and paper	—	—	16,349,734
Refrigerating	—	—	4,638,525
Road and excavating	—	—	4,821,131
Rolling mill	—	—	1,243,789
Rubber mill	—	—	1,156,992
Sawing, band, machine	No.	3,263	185,585
Saw and planing mill	—	—	2,307,452
Sewing	—	—	1
Ships' and fittings	—	—	1,272,975
Stone working	—	—	143,853
Syrup-making	—	—	222,876
Textile, n.e.s.	—	—	1,085,516
Transmission	—	—	1,843,042
Vulcanizing	—	—	1
Washing machines:			
Electric	No.	304,273	27,957,728
Hand	"	3,906	68,537
Other power	—	—	4,475,776
Parts and accessories	—	—	2,107,529
Water softener equipment	—	—	271,797
Wood-working, n.e.s.	—	—	1,240,768
Other, not specified	—	—	9,041,189
Machinery parts, not specified	—	—	1,105,873
Magnesium stearate	—	—	1
Malt, made for sale	—	—	1
Malt flour	—	—	83,412
Malt extract and syrup	—	—	1,035,064
Malt coomings and sprouts	ton	11,178	389,015
Manganese naphthenate	—	—	1
Mantles, lamp	—	—	1
Manure spreaders	No.	13,474	2,079,047
Maple butter	—	—	1
Maps	—	—	571,677
Marble chips and dust	—	—	7,511
Marble monuments	—	—	543,132
Marble, for building purposes	—	—	450,175
Margarine	lb.	60,801,865	18,278,658
Marine and fishermen's supplies	—	—	406,340
Marmalades	lb.	17,488,698	2,544,938
Match splints and match blocks	—	—	1
Matchers (wood-working)	—	—	1
Matches	—	—	4,078,662
Mats and matting, rubber	—	—	2,100,110
Mattresses	No.	1,000,646	15,049,381
Mattresses, air and sponge	doz.	662	186,696
Meal, alfalfa	ton	32,500	1,435,266
Meal, barley	"	18,895	1,107,557
Meal, cereal grass	"	14,031	1,072,396
Meal and oilcake, cocoanut	—	—	1
Meal, corn	ton	9,164	807,709
Meal, fish	"	41,554	7,636,106
Meal, flaxseed or linseed	—	—	1
Meal, meat, hoof, lung, liver, etc.	lb.	34,424,488	1,915,926
Meal, mustard seed	—	—	1
Meal and oilcake, linseed	ton	78,442	5,236,506
Meal and oil cake, rapeseed	—	—	1

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Alphabetical List of Products Manufactured in Canada, 1949 — Continued

Items	Unit of measure	Quantity	Value
			$
Meal, pea	lb.	31,402	10,473
Meal, rice	—	—	1
Meal, rye	ton	532	36,761
Meal and oilcake, sunflower	—	—	1
Meal and oilcake, soybean	ton	99,795	6,975,786
Meal, n.e.s.	—	—	53,739
Meat scrap	lb.	62,644,514	3,096,281
Meats, canned:			
Beef:			
Spiced beef	lb.	2,186,774	837,636
Beef stews and boiled dinners	"	12,829,562	3,461,809
Other including corned beef, beef sausage, roast beef, etc.	"	4,234,661	1,527,009
Pork:			
Spiced pork and ham	lb.	17,204,585	8,417,052
Roast pork and ham	"	2,143,962	1,455,779
Sausage	"	892,559	408,077
Other including bacon, devilled ham, pigs' feet, etc.	"	1,135,636	536,727
Poultry	"	1,414,020	914,959
Miscellaneous:			
Horse meat	—	—	1
Weiners	lb.	1,223,948	512,474
Meat paste (included in "Paste, meat and chicken")			
Meat lunch	"	529,024	230,547
Other including bologna, lunch tongue, etc.	"	9,008,662	3,733,164
Meats, cooked, all kinds	"	37,364,343	20,457,828
Meats, cured:			
Bacon and sides	lb.	116,682,028	56,097,304
Beef, salted and cured	"	4,197,578	1,233,456
Hams	"	46,040,092	24,566,410
Pork, salted	"	28,726,792	8,648,222
Shoulders	"	35,767,164	17,186,437
Other	"	33,394,532	14,058,414
Meats, sold fresh:			
Beef	lb.	650,773,862	217,976,289
Fancy meats	"	46,016,218	10,857,015
Horse	"	4,069,917	237,604
Mutton and lamb	"	27,060,691	10,804,414
Pork	"	226,389,286	81,443,591
Poultry	"	20,642,834	9,180,209
Veal	"	80,711,314	28,159,603
Other	"	455,820	152,117
Meats, sold frozen:			
Beef	lb.	28,520,907	9,970,155
Fancy meats	"	7,759,870	1,849,252
Horse	"	5,696,709	470,610
Mutton and lamb	"	3,183,441	1,205,128
Pork	"	17,913,407	6,127,034
Veal	"	4,385,522	1,608,691
Other	"	147,600	46,034
Meats, not specified	"	284,000	16,977
Medicines and pharmaceuticals:			
Registered as patent medicines (all ingredients not declared)	—	—	13,083,343
Ethical specialties (ingredients declared):			
Sold on physician's prescription	—	—	13,312,326
Sold without a physician's prescription	—	—	10,733,057
Other, including human medicines, antiseptics, etc.	—	—	7,815,857
Metal products, not specified	—	—	538,251
Meters, gasoline	—	—	1
Meters, water	—	—	1
Meters, not specified and meter parts	—	—	135,878
Methyl hydrate, crude and refined	Imp. gal.	255,825	231,081
Mica products	—	—	286,413
Milk, sold in dairy factories	gal.	151,690,685	95,729,114
Milk, buttermilk, sold	—	—	939,686
Milk, buttermilk, condensed	lb.	281,254	9,411
Milk, condensed	"	23,542,993	3,923,159
Milk, evaporated	"	231,307,041	26,381,396
Milk, skim	—	—	936,089
Milk, skim, condensed	lb.	4,279,354	411,591
Milk, skim, evaporated	"	10,354,307	487,142
Milk products, not specified	—	—	343,055
Milk drinks, (see Food Drinks)			
Milling cutters	—	—	745,678
Mincemeat	lb.	5,949,954	942,327
Mine timbers, props, wedges, etc.	—	—	1,980,475
Mirrors	—	—	4,054,882
Molasses	—	—	1,163,258
Monuments, lettered only	—	—	383,790
Monuments, (see "Granite" "Limestone" and "Marble")			
Monuments, artificial stone	-	—	1
Mops:			
Floor	—	—	1,234,402
Dust	doz.	40,244	349,761
Dish	"	41,274	48,819
Other, not specified	—	—	336,493
Motors, electric, A.C. and D.C. (except starting motors)	—	—	26,130,434
Motors, other, and parts	—	—	3,905,360
Moulders, wood-working	No.	17	73,752
Mouldings	—	—	8,079,732
Moulds for bakelite and rubber	—	—	707,170
Mounting (trade work)	—	—	1,044,935
Mowers, hay	No.	28,187	3,800,013

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Alphabetical List of Products Manufactured in Canada, 1949 — Continued

Items	Unit of measure	Quantity	Value
			$
Mowers, lawn	No.	84,643	1,149,156
Mucilage	—	—	102,902
Muffs, fur	No.	2,703	45,795
Muff beds	doz.	1,057	37,950
Munitions and other war supplies	—	—	5,502,129
Music, printed	—	—	103,497
Musical instruments and parts, not elsewhere specified	—	—	116,958
Mustard, dry	lb.	430,425	89,183
Mustard, prepared	gal.	361,492	999,356
Mustard compound	lb.	137,071	24,947
Nails, aluminum	—	—	309,576
Nails and spikes, cut from plate:			
Quantity made	keg	22,393	—
Quantity sold	"	21,410	261,980
Nails, tacks and brads, wire:			
Quantity made	keg	1,770,411	—
Quantity sold	"	1,303,241	12,030,359
Nails, horseshoe and other, n.e.s.	—	—	326,740
Napkins, paper	M.	1,816,586	1,596,331
Naptha V.M. and P. or solvent	Imp. gal.	34,523,636	5,936,341
Neckties	doz.	335,446	7,888,673
Neckwear, women's	"	19,633	219,213
Neck pieces, fur	"	3,232	1,046,414
Needles, knitting machine	—	—	1
Needles, knitting, other	—	—	587,511
Nickel salts	—	—	1
Nickel-silver, not elsewhere specified	—	—	50,641
Night dresses:			
Cotton and flannelette	doz.	98,740	1,695,306
Silk and rayon	"	96,430	2,460,374
Night dresses, knitted and other n.s.	"	24,490	761,697
Nightshirts	"	4,482	96,538
Nitrogen	—	—	1
Nitrous oxide	—	—	1
Non-ferrous alloys, not elsewhere specified	lb.	2,950,073	555,260
Novelties, advertising and other, not specified	—	—	1,676,677
Novelties, printed	—	—	883,745
Nuts, salted, etc. (See also "Peanuts, roasted, salted")	lb.	2,107,357	2,242,946
Oars and paddles	—	—	126,264
Oats, rolled	ton	52,464	6,285,341
Oatmeal	"	10,378	775,905
Offal, not specified	—	—	3,300,176
Oil burners and parts	—	—	8,184,964
Oilcloth, other than floor	—	—	1
Oil, aniline	—	—	1
Oil, cocoanut, crude and processed	ton	27,492	8,747,072
Oil, core	—	—	527,302
Oil, corn, crude	—	—	1
Oil, corn, refined	—	—	1
Oil, cotton seed	lb.	3,920,812	720,536
Oil, creosote	gal.	12,894,123	3,043,016
Oil, engine and tractor distillate	Imp. gal.	37,387,720	5,327,057
Oil, fish (vitamin)	lb.	3,916,319	2,348,604
Oils, fish, industrial	"	36,766,511	3,964,550
Oil, fuel, diesel	Imp. gal.	203,607,003	20,581,235
Oil, heavy fuel:			
For own use	Imp. gal.	130,857,161	3,797,730
For sale	" "	694,901,759	52,370,281
Oil, light fuel:			
For own use	Imp. gal.	152,050	15,510
For sale	" "	300,574,073	30,309,567
Oil, fusel, (sold)	Imp. gal.	33,308	23,936
Oil, lard	lb.	1,326,767	202,127
Oil, linseed, boiled	gal.	1,172,139	2,312,743
Oil, linseed, raw	"	5,647,077	10,724,006
Oil, linseed, special	—	—	6,328,737
Oil, lubricating	gal.	67,560,939	24,736,140
Oil, neatsfoot	lb.	769,877	119,267
Oil, oleo	"	2,615,542	363,094
Oil, palm	—	—	1
Oil, peanut	lb.	644,190	172,833
Oil, rapeseed	—	—	1
Oil, soybean	ton	23,338	7,561,697
Oil, light, n.e.s.	Imp. gal.	1,971,364	543,129
Oil, naphthalene	—	—	1
Oil, stand blown, enamel, etc.	—	—	1
Oil, blended salad	—	—	1
Oil, stove	Imp. gal.	125,559,971	17,177,624
Oils, sulphonated, textile oils, and other textile chemicals	—	—	1,031,434
Oil, sunflower seed	ton	7,666	3,473,147
Oils, vegetable, n.e.s.	lb.	11,205,548	2,274,136
Oils, other, not specified	—	—	424,198
Oleo stock	lb.	1,264,322	138,617
Olives, bottled, etc.	gal.	344,003	1,766,174
Organs, pipe	No.	67	659,053
Organs, other and parts	—	—	630,160
Ornaments, not specified	—	—	307,023
Ovens, commercial, cooking	No.	365	655,932
Ovens, industrial, electric	—	—	1
Overalls:			
Men's and boys'	doz.	341,762	10,692,406

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1949 — Continued

Items	Unit of measure	Quantity	Value
			$
Overalls — concluded:			
Children's	doz.	247,169	3,316,141
Overall coats, smocks, dusters, etc.	"	67,398	2,266,624
Not specified	—	—	281,935
Oxygen	cu.ft.	657,134,873	5,567,476
Packing, asbestos	—	—	260,190
Packing, rubber	lb.	1,362,019	397,834
Packing, not specified	—	—	28,135
Packing house equipment	—	—	96,094
Pads, electric, heating	—	—	540,255
Pads, couch	No.	14,967	123,216
Pads, shoulder	doz.	1,913,012	1,346,373
Pads, stamp	—	—	77,680
Pads, stair	—	—	1
Pads, sweat	—	—	77,920
Pads and padding, not specified	—	—	1,272,421
Pails, paper	No.	34,569,405	474,148
Pails, tin	—	—	197,977
Pails and tubs, wooden, etc.	—	—	53,383
Painting equipment, not specified	—	—	1,212,556
Paint, varnish and enamel removers	gal.	121,566	335,359
Paints, cement	—	—	1
Paints, water-thinned:			
Resin emulsion paints, paste and semi-paste form:			
Interior	gal.	801,172	2,301,368
Exterior	"	7,923	22,932
Casein and other protein bound, (cold water paints):			
Interior	—	—	549,354
Exterior	—	—	145,000
Texture-type water paints	lb.	2,055,440	164,977
Calcimines:			
Hot water	"	2,428,660	127,127
Cold water	"	1,057,960	78,551
Paints, ready-mixed (including asphalt and tar)	gal.	9,456,527	33,486,466
Paints, paste (not including water-paste paints)	lb.	5,156,649	1,032,436
Paints and enamels, other	—	—	951,147
Panel boards and cabinets	—	—	2,725,558
Pants, breeches, etc:			
Fine pants, men's and youths':			
Woollen	No.	2,168,583	17,390,653
Other	"	444,158	1,916,681
Fine pants, boys':			
Woollen	"	959,805	2,750,876
Other	"	739,532	1,302,972
Work pants, men's and youths':			
Woollen and wool mixtures	"	715,272	2,684,276
Cotton	"	2,426,868	5,765,693
Not specified	"	300,072	607,069
Breeches, men's and youths':			
Woollen and woollen mixtures	"	80,772	367,683
Cotton	"	5,136	15,701
Breeches, boys':			
Woollen and woollen mixtures	"	413,508	951,011
Cotton	"	45,144	107,532
Breeches, other	—	—	4,327
Pants, baby, rubber and plastic	—	—	573,690
Pants, oiled	doz.	1,116	33,861
Paper:			
Adding machine and cash register	roll	3,481,956	266,636
Asbestos	—	—	1
Blotting, clay coated and enamelled	—	—	1
Blue print and photostat	—	—	772,149
Book	S. ton	77,690	14,340,675
Box cover, coloured	—	—	1
Writing pads, tablets, etc.	—	—	1,178,749
Building and roofing paper:			
Asphalt saturated rag, asbestos and solka felt shingles	square	2,136,501	14,152,158
Mineral surfaced rag, asbestos and felt roofing	"	890,723	2,857,327
Smooth surfaced rag and asbestos felt roll roofings	"	1,106,387	2,389,461
Roll type rag and asbestos felt siding	"	389,400	1,419,131
Tar and asphalt saturated rag and asbestos felts, not coated	ton	39,949	3,338,201
Tar and asphalt saturated and coated sheathings	"	14,270	1,687,662
Other felts and sheathings	—	—	111,420
Building papers, n.s.	S. ton	297,863	6,347,050
Insulated siding	—	—	1
Carbon	—	—	2,096,807
Cigarette tubes and paper	—	—	1
Coated paper, other n.e.s.	—	—	4,195,238
Corrugated	—	—	824,983
Creped or crinkled	lb.	1,918,170	592,964
Fabric	—	—	1
Fine	S. ton	81,969	21,103,802
Foolscap, not elsewhere specified	—	—	157,634
Friction or flint glazed	—	—	1
Gummed (in sheets)	—	—	1
Special industrial	S. ton	9,027	1,948,324
Lining, pan, shelf, etc.	—	—	304,869
Parchment, vegetable	—	—	1
Oiled	—	—	1
Paper napkins and doilies (see "Napkins and Doilies")			
Newsprint paper:			
In sheets, for printing	S. ton	78,046	8,100,052

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1949 — Continued

Items	Unit of measure	Quantity	Value
			$
Newsprint paper — concluded:			
In rolls, for printing	S. ton	5,083,705	453,253,956
Side runs for pulping	" "	25,239	1,600,663
Counter rolls	—	—	1
Other	—	—	1
Printing and specialty paper, ground wood	S. ton	39,558	5,154,343
Safety paper, for cheques, etc.	—	—	506,445
Sanitary	S. ton	57,514	10,609,624
Tissue, converted	—	—	527,672
Tissue other than sanitary, (basic stock)	S. ton	10,326	3,340,383
Toilet, converted	cases	1,116,147	6,843,696
Towels, paper (see "Towels")			
Typewriter, not elsewhere specified	rms.	264,703	218,277
Wall paper	—	—	1
Waterproofed, other than waxed, n.e.s.	—	—	1
Waxed paper:			
Bread wrappers	lb.	24,843,700	5,034,632
Other, plain and printed	"	35,960,574	6,187,796
Wrapping paper (basic stock):			
Unbleached sulphate kraft No 1 and 2	S. ton	147,184	20,428,442
Bleached sulphite and sulphate	" "	13,366	4,171,730
Unbleached and semi-bleached sulphite and sulphate	" "	9,609	1,560,083
Miscellaneous furnishes	" "	14,236	1,940,554
Wrapping, special	" "	6,170	1,932,669
Paper, miscellaneous, converted, not elsewhere specified	—	—	957,331
Paper goods, including papeteries	—	—	122,279
Paper board:			
Box board	S. ton	363,322	35,120,186
Building, rigid insulating	" "	108,751	10,728,477
Building, other	" "	41,178	4,312,144
Container board:			
Container chip	S. ton	7,708	636,746
Corrugating board	" "	129,121	12,979,462
Liners	" "	184,694	19,535,006
Mounting board	—	—	1
Clay coated and enamelled	—	—	1
Coated, other, not specified	—	—	3,180,824
Wallboard, building board, n.e.s.	sq. ft.	43,456,402	1,727,097
All other board and paper, not specified	—	—	1,851,782
Parachutes and parachute equipment	—	—	1
Paraldehyde	—	—	1
Parathion, 100%	—	—	1
Paste, adhesive	—	—	500,821
Paste, meat and chicken	lb.	4,941,603	2,217,513
Paste, flavouring	—	—	12,559
Paste, tooth (see "Dentifrices")			
Patterns and models, foundry and other, wood and metal	—	—	1,410,340
Patterns, paper	—	—	1,264,225
Peanut butter	lb.	17,639,692	6,007,709
Peanuts, roasted and salted (for sale) (See also "Nuts, salted, etc.")	"	16,620,775	5,576,303
Pearls, artificial and simulated	—	—	1,203,616
Peas, split	lb.	3,662,108	319,472
Peavies, cant hooks and pike poles	—	—	252,966
Pectin (see also, "Apple juice concentrate")	—	—	1
Pencils, ordinary, lead	gr.	520,104	1,941,229
Pencils, adjustable, lead	"	13,024	747,115
Pencil parts	—	—	1
Penicillin	—	—	1,570,810
Penicillin preparations	—	—	3,635,645
Pennants	—	—	238,998
Pens, fountain and ball point	doz.	301,303	5,905,170
Pen parts, pen holders and nibs	—	—	459,489
Pentasol acetate	—	—	1
Perchlorethylene	—	—	1
Percolators, electric	No.	16,274	116,830
Perfumes	—	—	1,252,173
Periodicals, printed by publishers:			
Newspapers, daily:			
Gross revenue from advertising	—	—	71,182,945
Subscriptions and sales	—	—	28,164,447
Newspapers, weekly and other:			
Gross revenue from advertising	—	—	15,667,891
Subscriptions and sales	—	—	9,918,225
Magazines:			
Gross revenue from advertising	—	—	8,275,903
Subscriptions and sales	—	—	5,371,166
Other publications:			
Gross revenue from advertising	—	—	22,726,363
Subscriptions and sales	—	—	9,532,190
Phenol	—	—	1
Phenothiazine	—	—	1
Phonograph records	—	—	4,481,507
Phonograph supplies, n.s.	—	—	206,555
Phonographs, electrically operated	No.	34,988	689,831
Phosphorus	—	—	1
Phosphorus sequisulphide	—	—	1
Photo-engraving	—	—	8,216,305
Photographic materials, not elsewhere specified (including photo paper)	—	—	2,061,780
Photography (Commercial)	—	—	584,422
Phthalic anhydride	—	—	1
Pianos:			
Grand	No.	85	76,384

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Alphabetical List of Products Manufactured in Canada, 1949 — Continued

Items	Unit of measure	Quantity	Value
			$
Pianos — concluded:			
Upright	No.	7,012	2,397,712
Pianos in process of manufacture	"	1,086	142,633
Piano strings and other parts	—	—	550,790
Pickets	M.	11,682	536,299
Pickles, relishes and sauces (see also "Tomato Catsup")	—	—	7,712,354
Pictures, framed	—	—	579,419
Picture and mirror frames	—	—	730,214
Pies, cakes and pastry (see also "Puddings, cakes, etc")	—	—	60,936,835
Pies, meat	—	—	742,811
Piling, sheet	—	—	1
Pillow cases, bureau runners, scarves, etc.	—	—	1,827,455
Pillows	—	—	1,102,821
Pins, plain and hair pins	—	—	936,374
Pipe and fittings, brass, bronze and copper	—	—	830,111
Pipe and fittings, cast iron, soil	ton	39,622	6,837,214
Pipe and fittings, cast iron, other	"	101,073	12,098,617
Pipe, lead	lb.	4,525,987	1,096,842
Pipe and fittings, malleable iron	ton	11,497	6,279,235
Pipe, sewer, clay	—	—	2,150,773
Pipe, sewer and culvert, cement	—	—	4,653,879
Pipe, culvert, n.e.s.	ton	19,116	5,378,268
Pipe, steel, rivetted and welded	"	3,953	1,188,958
Pipe and fittings, steel, n.e.s.	—	—	25,433,003
Pipe and tubing, copper	—	—	1
Pipes, furnace and stove	—	—	1,819,559
Pipes, wooden	—	—	2,284,216
Pipes, other	—	—	50,820
Pipes, tobacco	doz.	15,406	136,378
Pipe (tobacco) parts	—	—	5,041
Piston rings, automobile	No.	19,073,739	2,124,658
Pistons, automobile and piston ring expanders	—	—	1,056,301
Pitch	ton	92,291	2,439,125
Planers, metal-working	—	—	1
Planers, wood-working	No.	411	166,055
Planing, custom	—	—	4,059,492
Planters, corn	—	—	1
Planters, potato	No.	43	9,457
Plastics, primary (see "Synthetic resins")			
Plate and tank work, steel, miscellaneous	—	—	12,470,576
Plates, sheets and strips, brass, copper, etc.	lb.	44,691,150	14,093,606
Plates, flats, iron and steel	—	—	14,596,604
Plates, metal, license, name, etc.	—	—	1,539,613
Plates, paper	M.	66,592	246,607
Plating and galvanized salts	—	—	1
Platinum, refined, and other platinum products	—	—	612,469
Play ground, track and field equipment	—	—	61,362
Ploughs and parts	—	—	7,809,294
Ploughs, snow	—	—	565,340
Plugs, wooden	—	—	181,503
Plumbers' supplies, not elsewhere specified (Brass, copper, etc)	—	—	11,624,959
Plywood	M. sq. ft.	436,583	28,654,452
Poison, gopher and rat	—	—	154,601
Polish, furniture	—	—	427,189
Polish, metal	—	—	146,167
Polish, shoe	—	—	1,021,315
Polish, stove	—	—	66,833
Polishes and waxes, floor	—	—	7,412,916
Polishes and dressings, automobile	—	—	364,409
Polishes, harness	—	—	3,334
Polishes and dressings, not specified	—	—	380,168
Polishers, floor, electric and other	—	—	2,513,182
Polishing mitts and cloths	—	—	20,968
Popcorn	lb.	4,290,296	1,852,773
Polymer feed stocks	—	—	1
Post cards, printed	—	—	732,428
Posts, steel, fence	ton	6,308	650,295
Posts, other	No.	20,147	5,046
Posthole diggers	—	—	1
Potassium chlorate	—	—	1
Potato chips (factory made)	lb.	6,411,991	2,994,058
Potato diggers	No.	512	102,653
Potato pickers	—	—	1
Pot holders and oven mitts	doz.	35,464	30,299
Pot scourers	—	—	388,352
Pottery, glazed and unglazed	—	—	501,241
Pottery from imported clay	—	—	1
Poultry, (see "Meats")			
Powder, baking	lb.	10,314,837	2,244,693
Powder, buttermilk	"	5,295,108	414,348
Powder, cream	—	—	1
Powder, custard	lb.	449,948	143,837
Powder, egg	"	5,979,539	3,346,620
Powder, food drinks	"	1,709,983	939,962
Powder, ice cream	"	1,056,545	307,467
Powder, jelly	"	13,913,833	4,371,095
Powder, lactogen	—	—	1
Powder, whole milk	lb.	13,107,684	4,787,063
Powder, malted milk	—	—	163,403
Powder, skim milk	lb.	61,389,633	6,518,230
Powder, pie filling	"	3,591,954	893,841
Powder, protein	—	—	1

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Alphabetical List of Products Manufactured in Canada, 1949 — Continued

Items	Unit of measure	Quantity	Value
			$
Powder, pudding	lb.	8,601,992	2,272,959
Powders, edible, not specified	"	6,408,829	897,897
Powder, bronze, iron and aluminum	"	2,039,954	859,531
Powder, sachet	—	—	120,414
Powder, talcum and face	—	—	2,462,246
Power units	—	—	1
Precious metal salts	—	—	1
Presses	—	—	1,064,520
Press cloths	—	—	1
Presses, tennis and badminton racquet	No.	31,741	18,573
Presses, hydraulic, and other power	—	—	159,577
Pressure cookers (Included under "Kitchenware, aluminum")			
Printing:			
Circular letters	—	—	1,299,935
General, for trade	—	—	1,066,391
Custom printing, (Paper supplied by customer)	—	—	1,801,022
Private and personal	—	—	1,825,216
Blue prints and photostats	—	—	702,236
Periodicals printed for publishers	—	—	19,548,734
Other printed matter; menus, statements, bank notes, programmes, etc. (see also "Advertising matter")	—	—	13,192,211
Printing and painting on textile fabrics	—	—	2,553,326
Propane	gal.	6,068,417	510,052
Propellers and snafts	—	—	1
Publications, subscriptions and sales (see "Printing" and "Periodicals")			
Puddings, cakes, etc. (canned and other)	—	—	449,879
Puffs, powder	—	—	242,304
Pulleys, wood and other	—	—	240,670
Pulpers and slicers	—	—	1
Pulp, fruit (see "Fruit Pulp")			
Pulpstones, artificial	—	—	1
Pulpwood	cord	294,653	8,028,725
Pulp chips	—	—	2,331,652
Pulp, wood:			
Ground wood:			
Quantity made	S. ton	4,716,306	—
Quantity sold	" "	294,200	14,758,942
Sulphate:			
Quantity made	" "	855,784	—
Quantity sold	" "	492,633	57,719,459
Sulphite, bleached:			
Quantity made	" "	637,091	—
Quantity sold	" "	568,885	74,603,940
Sulphite, unbleached:			
Quantity made	" "	1,354,368	—
Quantity sold	" "	432,680	42,522,913
Screenings:			
Quantity made	" "	125,322	—
Quantity sold	" "	44,761	860,283
Other:			
Quantity made	" "	161,627	—
Quantity sold	" "	37,324	4,132,317
Pumps, power:			
Centrifugal	—	—	4,902,742
Cistern and pitcher	—	—	628,838
Deep well	—	—	505,074
Rotary	—	—	389,527
Sump	—	—	672,834
Vacuum	—	—	511,120
Steam	No.	1,815	837,256
Other power pumps	—	—	754,522
Pumps, other, and parts:			
Gasoline dispensing pumps	—	—	2,204,578
Hand pumps	—	—	207,883
Household water systems	No.	31,853	2,787,172
Pump jacks	"	5,272	135,078
Pump parts	—	—	1,225,736
Punching machines	—	—	1
Purses, pocket-books and folders	—	—	1,826,455
Putty and fillers, n.e.s.	lb.	11,480,644	824,919
Pyjamas:			
Cotton and flannelette	doz.	333,499	7,183,839
Rayon and rayon mixtures	"	29,717	879,141
Not specified	"	32,251	801,650
Pyridine	—	—	1
Pyrometers	—	—	1
Pyrotechnics and fireworks	—	—	380,895
Quilted goods and bedspreads	—	—	1,388,904
Racquets, tennis, badminton and squash	No.	58,699	238,191
Radar equipment (see "Radio communication equipment")			
Radiators, automobile	—	—	4,746,750
Radiator and boiler compounds	—	—	124,814
Radiators, heating, concealed type	sq. ft.	6,331,615	2,939,900
Radiators, heating, standing type	" "	6,159,644	3,183,578
Radiators, heating, electric	—	—	1
Radiators and parts, heating, not specified	—	—	37,432
Radio communication equipment	—	—	4,226,338
Radio sets, tubes and accessories	—	—	41,321,456
Rail anchors	—	—	1
Rails, iron or steel:			
Quantity made	ton	329,749	—
Quantity sold	"	339,390	24,580,963

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Alphabetical List of Products Manufactured in Canada, 1949 — Continued

Items	Unit of measure	Quantity	Value
			$
Rail frogs, switches and other track equipment	—	—	8,044,135
Railway car and coach fittings, bearings, etc.	—	—	1
Railway equipment, n.e.s.	—	—	380,673
Rakes, hand	No.	203,086	175,044
Razor blades	"	166,547,973	3,178,614
Razors, safety, electric and other	"	502,781	1,019,660
Recorders, time	—	—	1
Recorders, wire or tape	—	—	1
Record players, electrically operated	No.	39,549	624,140
Rectifiers for storage battery charging and parts	—	—	316,292
Reels, wire rope	—	—	1
Refractories:			
Cement, high temperature	ton	5,376	430,015
Firebrick from domestic clay	—	—	398,290
Firebrick from imported clay	—	—	1,601,731
Other	—	—	2,830,719
Refrigerators:			
Electric	No.	210,988	38,434,554
Electric, condensing units	—	—	3,396,001
Other	—	—	2,075,461
Refrigerator parts, not specified	—	—	989,472
Refrigeration equipment, other	—	—	3,788,464
Regalia, n.e.s.	—	—	1
Registers, cash	—	—	1
Registers and grills, air	—	—	1,467,017
Regulators, not specified	—	—	45,701
Remedies, stock and poultry	—	—	1,453,837
Rennet extract	—	—	1
Repair gums and fabrics	lb.	350,932	359,658
Repair kits	No.	477,722	70,539
Repair patches, tire and tube	"	1,034,215	207,764
Resin coating, synthetic	—	—	1
Resin film and resin film products	—	—	5,730,214
Ribbons	—	—	2,806,029
Rice, brewers'	—	—	1
Rice, cleaned, etc.	—	—	1
Rifles (included with "Firearms, etc.")			
Rings, fruit jar, rubber	lb.	1,211,977	512,067
Rings, fruit jar, zinc	—	—	1
Robes, carriage and automobile	—	—	1
Rockwool	—	—	8,946,851
Rods and bars, bronze, and brass	—	—	1
Rods, copper wire	—	—	1
Rods, iron and steel, wire:			
Quantity made	ton	290,863	—
Quantity sold	"	114,114	7,137,137
Roll covering, rubber	lb.	28,746	69,979
Rollers, land and land packers	—	—	338,888
Rollers, printers'	—	—	504,194
Rolls, rubber covered	No.	641,226	1,297,441
Rolls, bending and straightening	—	—	721,735
Roofing preparations, n.e.s.	—	—	553,372
Rope:			
Manilla	lb.	6,035,925	2,386,187
Sisal	"	5,253,223	1,620,776
Jute and hemp	"	275,435	128,172
All other	"	250,015	190,156
Rubber, reclaimed, dispersions and other	—	—	1
Rubber and rubber goods, hard	lb.	430,483	377,282
Rubber coverings, linings, etc.	"	401,300	838,369
Rubber goods, moulded	"	2,078,491	1,240,934
Rubber goods, plumbers'	—	—	900,769
Rubber goods, sanitary, not elsewhere specified	doz.	681,967	175,155
Rubber goods, soft and sponge	—	—	1,988,400
Rubber automotive and aeroplane parts	lb.	5,835,543	2,598,964
Rubber goods, not specified	—	—	367,045
Rubber thread	lb.	625,892	1,048,952
Rubber, synthetic	"	104,334,459	18,638,802
Rugs, automobile	No.	195,154	845,554
Rules, steel	—	—	1
Rules, wooden	—	—	282,315
Ruling (Printing plants)	—	—	526,465
Rust preventatives and removers	—	—	356,088
Saddles	No.	1,566	86,936
Saddle parts	—	—	8,744
Safes, vaults and fittings	—	—	2,323,534
Sails	—	—	92,973
Salt, including value of containers	—	—	6,621,483
Salt, curing	lb.	2,370,282	271,555
Sanders (wood-working)	No.	1,020	136,399
Sandwich relish and spread (See also "Paste, meat and chicken")	lb.	3,047,843	1,197,658
Sanitary ware	—	—	14,891,051
Sash, doors and other mill work	—	—	52,867,525
Sash, steel, brass, etc.	—	—	2,526,881
Sauces, catsups and relishes (see "Tomato catsup, pickles, sauces, etc")			
Sauerkraut:			
Canned	lb.	6,120,300	444,513
Other	—	—	1
Sausage casings	—	—	3,697,140
Sausage, fresh or cured	lb.	72,838,464	27,842,701
Sawdust and waste, sold	—	—	1,357,119
Sawing, lumber, custom	—	—	388,428

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Alphabetical List of Products Manufactured in Canada, 1949 — Continued

Items	Unit of measure	Quantity	Value
			$
Saws, all kinds	—	—	4,990,661
Saw parts and saw benches	—	—	2,011,048
Scales	—	—	2,626,469
Scarves	—	—	3,276,506
School supplies, not specified	—	—	51,632
Scientific equipment, not specified	—	—	878,784
Scissors and shears	—	—	1
Scrap, aluminum	—	—	260,634
Scrap, brass, bronze and copper	—	—	562,968
Scrap, iron and steel	ton	1,204	24,033
Screenings, barley, etc.	"	45,839	1,700,527
Screens, door and window	—	—	215,569
Screen, industrial	—	—	583,591
Screws and screw machine products	—	—	12,889,616
Scufflers	No.	10,132	178,773
Scythes and snaths	—	—	1
Seals	—	—	218,244
Seasoning, dry and liquid	—	—	928,946
Seaweed, processed	—	—	1
Seed boxes for one-way discs etc.	No.	13,594	1,166,286
Shades, window, shade cloth, and fittings:			
Ordinary shades and blinds	—	—	2,567,122
Venetian blinds (factory made)	—	—	4,949,562
Shade cloth, rollers, etc.	—	—	922,165
Shanks, shoe	—	—	262,447
Shapers, wood-working	—	—	35,101
Shapers, metal-working	No.	37	148,380
Sharpeners, pencil	—	—	1
Sharpening stones and files	—	—	202,869
Shawls	—	—	1
Shearing machines, metal working	—	—	1
Sheet forms, commercial, etc., printed	—	—	28,907,313
Sheets and sheeting, cotton	—	—	7,808,751
Sheets, crib, cotton	—	—	27,063
Sheets, crib, rubber and rubberized	doz.	22,588	120,075
Sheeting and sheets, rubber and rubberized	—	—	123,797
Sheet ironware, not elsewhere specified	—	—	1
Sheet metal building materials, not elsewhere specified	—	—	3,964,776
Sheet metal products	—	—	246,802
Sheets, aluminum	—	—	1
Sheets, hoops, bands and strips, iron and steel	ton	469,236	55,384,553
Sheets, corrugated only	—	—	3,071,771
Sheets, iron or steel, galvanized	—	—	12,167,716
Shields, dress	—	—	158,396
Shims, railroad and other	—	—	255,195
Shingle bands	—	—	86,276
Shingles, asbestos	—	—	1
Shingles, wooden	—	—	19,715,644
Shipbuilding and repairs	—	—	80,414,899
Shirts, fine:			
Cotton	doz.	857,270	21,616,118
Silk, rayon and nylon	"	2,732	80,666
Shirts, dress	"	4,448	190,249
Shirts, work:			
Cotton	doz.	370,720	7,173,660
Wool and wool mixtures	"	26,738	1,033,662
Shirts, sport, men's, youths' and boys'	"	279,966	9,221,478
Shirts, not specified	"	130,482	1,386,095
Shock absorbers, automobile	No.	1,240,463	2,664,246
Shoddy, mungo and wool extract (See "Wool or part wool, reworked or reprocessed")			
Shoe trimmings	—	—	123,673
Shoe uppers and tops	prs.	68,830	192,604
Shooks, box	M. ft. b. m.	104,510	8,747,824
Shortening:			
Containing animal fat and marine oil	lb.	84,149,822	21,463,329
Wholly vegetable	"	41,016,882	11,375,701
Shortening substitute	—	—	1
Shorts and middlings	ton	401,483	21,110,239
Shovels, hand	—	—	194,652
Shovels, power	—	—	526,598
Shuttlecocks, badminton	—	—	1
Signal systems (traffic, fire alarm, etc.)	—	—	1,499,737
Signs, electric, gas, neon and other luminous	—	—	2,024,155
Signs, metal, etc.	—	—	3,219,163
Silicon carbide, crude	ton	46,398	6,008,384
Silico manganese, silico spiegel, etc. (Included in "Ferro-alloys")			
Silk, broad:			
All silk and mixtures containing silk	yd.	411,701	429,359
All continuous filament synthetic yarn:			
Rayon	"	75,546,667	51,676,455
Nylon	"	1,938,757	1,681,602
Spun rayon and spun rayon mixtures	"	28,473,682	21,314,131
Continuous filament synthetic yarn mixtures	"	7,297,714	6,886,588
Rayon goods, n.e.s.	—	—	54,500
Silk screen printing	—	—	1
Silver alloys	—	—	1,822,880
Silver, fine	—	—	1,555,467
Silver, sterling, melted, rolled, etc.	—	—	4,055,279
Skates, ice	pr.	735,941	1,246,782
Skates, roller	"	41,338	113,837
Skewers n.e.s.	—	—	38,064
Skis	pr.	104,948	374,902

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1949 — Continued

Items	Unit of measure	Quantity	Value
			$
Ski poles and fittings	—	—	352,522
Skins, calf	No.	651,677	3,630,406
Skins, sheep	"	590,852	1,089,177
Skins, pickled	"	62,296	586,233
Skins, dressed (excluding raw)	—	—	2,270,334
Skips and cages	—	—	1
Skirts:			
Cotton	No.	291,332	408,447
Rayon and rayon mixtures	"	975,766	3,116,169
Woollen	"	978,840	4,215,849
Other	"	49,925	265,551
Slabs and edgings	cord	928,047	2,897,262
Sleighs, baby	—	—	98,006
Sleighs, children's	No.	165,538	291,520
Sleighs, dog	"	523	10,714
Sleighs, horse-drawn, etc.	—	—	314,204
Slicers, meat and bread	—	—	1
Slippers, cloth, carpet etc:			
Babies'	pr.	79,019	81,067
Boys' and youths'	"	137,038	187,090
Misses' and children's	"	1,162,517	1,084,471
Men's	"	644,961	1,564,162
Women's and growing girls'	"	3,346,236	4,439,993
Not specified	—	—	120,870
Slotters, metal-working	—	—	1
Smelter and refinery products	—	—	599,188,135
Smocks, women's	—	—	480,460
Smoke breeching	—	—	78,485
Smoker sets and smokers' supplies n.e.s.	—	—	362,945
Smokestacks, steel	—	—	141,297
Snowmobiles and parts	—	—	1
Snow removing equipment	—	—	1,025,416
Soap:			
Castile	lb.	1,405,509	240,363
Household and laundry, (bars)	"	31,734,694	4,512,220
Household and laundry, (chips and flakes)	—	—	5,112,343
Liquid, not specified	lb.	6,657,946	912,073
Polishing or scouring	"	569,329	59,552
Powder	"	92,200,605	13,565,686
Soft	"	1,775,532	203,378
Textile and mill	"	2,548,642	359,577
Toilet, (bars and liquid)	"	39,755,707	11,020,672
Shaving, incl. shaving creams	—	—	1,753,180
Hard, all other	—	—	517,795
Soap, not specified	—	—	360,031
Soap stock	ton	1,442	93,156
Sodium azide	—	—	1
Sodium benzoate	—	—	1
Sodium carbonate	—	—	1
Sodium carboxymethyl cellulose	—	—	1
Sodium chlorate	—	—	1
Sodium cyanide	—	—	1
Sodium fluoride	—	—	1
Sodium hydroxide	lb.	185,180,761	4,701,045
Sodium hypochlorite	—	—	1
Sodium metabisulphite	—	—	1
Sodium metasilicate	—	—	1
Sodium phosphate, disodium and tri-sodium	lb.	23,921,945	1,373,105
Sodium pyrophosphate	—	—	1
Sodium silicate	—	—	1
Sodium sulphate and sulphite	—	—	1
Sodium thiosulphite	—	—	1
Sodium tripolyphosphate	—	—	1
Solder	lb.	9,473,573	4,412,506
Soling, rubber:			
Rubber and composition soles	pr.	4,632,635	1,422,593
Rubber and composition half-soles	"	926,629	246,118
Soling and slabs for heels	lb.	6,154,251	1,436,367
Soles, felt and other (insoles)	—	—	601,916
Soles, tap and other, leather	pr.	1,153,659	523,735
Soup, canned	lb.	123,057,016	20,415,334
Soup, dehydrated	"	199,470	233,215
Soup mixtures	"	4,385,933	2,920,605
Soup filler or cracker meal	"	336,789	42,639
Soya bean products, n.e.s.	—	—	5,607
Spades and shovels	No.	886,991	1,042,923
Spark plugs	"	16,261,225	4,601,756
Speed reducer units	—	—	1,332,221
Spice compound	lb.	388,100	129,179
Spices, mixed, whole or ground	"	4,697,665	3,024,653
Spikes, railway	ton	3,816	923,235
Spikes, ship and drift	"	615	84,664
Spikes, other	—	—	1
Spinning, custom	—	—	2,929,027
Spinning wheels	No.	590	7,145
Spinnings, metal, etc.	—	—	10,603
Spirits, produced during the year but placed in bond for maturing:			
Whiskey, rye type	pf. gal.	7,425,756	4,999,306
Whiskey, scotch type	" "	402,719	269,233
Whiskey, other	" "	3,982,320	2,746,935
Gin	" "	820,951	867,112
Other beverage spirits	" "	1,619,750	1,210,737

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Alphabetical List of Products Manufactured in Canada, 1949 — Continued

Items	Unit of measure	Quantity	Value
			$
Spirits, beverage, net sales:			
Whiskey, scotch type	pf. gal.	352,258	2,748,754
Whiskey, rye type	" "	6,903,478	50,316,726
Whiskey, other types	" "	123,190	535,312
Gin	" "	811,344	4,206,881
Brandy and rum	" "	345,904	2,036,864
Liqueurs, cordials and cocktails	" "	62,860	662,426
Other beverage spirits	" "	242,854	254,326
Sponges, cellulose	—	—	1
Spools, bobbins and shuttles	—	—	1,950,332
Sport gloves and mitts	—	—	361,013
Sporting goods, not specified	—	—	770,874
Sprayers, hand	No.	9,406	111,804
Sprayers, power	"	1,850	434,307
Sprayers, not specified	—	—	963,276
Springs, automobile, chassis	—	—	5,931,049
Springs, bed and upholstering:			
Box	No.	56,601	1,344,384
Coil	"	127,196	176,890
Cable	"	131,660	875,571
Link	"	60,217	676,971
Slat	"	233,224	2,137,799
Bed and upholstering, not specified	—	—	6,091,741
Springs for cars and locomotives	—	—	1,464,236
Springs, other	—	—	2,993,745
Squares, hardwood	M. ft. b. m.	19,221	1,791,766
Stabilizers, ice cream, etc.	lb.	59,686	49,561
Stains	gal.	471,524	1,170,837
Stampings, metal, not specified	—	—	7,900,826
Stamps, rubber	—	—	735,496
Stamps, not specified	—	—	212,536
Stamps, postage, revenue, etc.	—	—	992,276
Staples, wire	kegs	35,866	266,368
Starch, corn, edible	—	—	1
Starch, corn, laundry	—	—	1
Starch and flour, potato	ton	3,179	386,012
Starch, wheat	—	—	1
Starch, blended	—	—	1
Starches, n.e.s.	—	—	1
Stationery goods, not specified	—	—	594,211
Statues and art goods	—	—	1,001,023
Staves, barrel	M.	57,444	1,249,969
Steam traps, etc.	—	—	411,975
Stearine	lb.	1,247,946	114,382
Steel erected (structural work):			
Bridges	ton	21,838	6,290,535
Buildings	—	—	33,725,528
Transmission towers	ton	19,436	4,334,092
Other	"	19,249	5,648,209
Steel shapes, structural (angles channels, tees, etc.):			
Quantity made	"	168,099	—
Quantity sold	"	177,314	13,940,920
Steel and alloy steel ingots:			
Quantity made	"	3,095,626	—
Quantity sold	"	141,974	7,455,052
Steel, miscellaneous	—	—	15,212,178
Steel wool	—	—	1
Steepwater	—	—	1
Stellite	—	—	1
Stencils, paper (office machine)	—	—	1
Stencils	—	—	44,100
Stockinette (see "Knitted fabrics")			
Stocking dryers	—	—	43,750
Stokers, mechanical	—	—	2,104,977
Stoker parts	—	—	894,655
Stone, artificial	—	—	888,747
Stoneware	—	—	1
Store fixtures, n.e.s.	—	—	229,120
Stoves:			
Coal and wood	No.	243,429	11,388,453
Electric and combination coal and electric	"	202,457	22,618,652
Gas and combination coal and gas	—	—	6,499,999
Gasoline and oil	—	—	2,851,346
Plates, stove, stove parts, etc.	—	—	2,167,547
Straps, leather	doz.	193,046	494,159
Straws, drinking	M.	753,927	308,310
Streptomycin	—	—	1
Streptomycin preparations	—	—	283,645
Strings, racquet	—	—	1
Styrene	—	—	1
Sugar butter	lb.	3,660,399	670,819
Sugar, granulated:			
Beet	lb.	219,857,204	—
Cane	"	962,105,819	96,680,698
Sugar, brown or yellow	"	128,476,821	9,682,233
Sugar, icing (starch added)	"	58,437,291	5,231,064
Sugar, invert	—	—	1
Sugar, loaf	lb.	12,011,356	1,224,431
Sugar, maple (Factory made)	—	—	1
Sugar of milk	—	—	1
Sugar, pulverized (no starch added)	lb.	5,307,525	459,597
Sugar, n.e.s.	—	—	24,310

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Alphabetical List of Products Manufactured in Canada, 1949 — Continued

Items	Unit of measure	Quantity	Value
			$
Suits:			
Men's and boys':			
Boys', woollen	No.	264,395	2,633,424
Men's and youths', woollen	"	1,607,685	51,996,851
Men's and boys', other	"	113,218	1,993,407
Sport, men's and youths' (see "Clothing".)			
Women's and misses':			
Cotton	No.	10,207	59,986
Silk and rayon	"	170,600	2,525,957
Woollen	"	620,556	15,523,244
Other, not specified	"	41,809	1,592,019
Children's:			
Cotton	No.	52,472	101,700
Other including wool	"	35,605	136,273
Play suits and other (washable)	"	1,232,760	1,058,551
Not specified	—	—	90,153
Superheaters	—	—	1
Superphosphate	—	—	1
Surfacers, wood-working	—	—	1
Surgical and orthopaedic appliances, and surgical dressings:			
Surgical bandages and dressings	—	—	1
Surgical belts	—	—	854,336
Surgical stockings, elastic	No.	107,380	225,905
Orthopaedic corsets	pr.	139	6,019
Artificial limbs	No.	1,013	201,294
Foot eazers, arch supports, knee caps etc.	—	—	442,450
Trusses	doz.	46,486	187,808
Other surgical supports	—	—	423,185
Surgical instruments and orthopaedic appliances, not specified	—	—	307,717
Suspenders, supporters and garters	doz.	393,743	1,592,246
Swathers	No,	12,319	5,273,227
Sweaters, jackets, etc.	doz.	1,217,694	22,936,820
Sweeping compounds	—	—	349,945
Switch gear and protective equipment(except telephone switch-boards)	—	—	23,443,913
Synthetic resins	—	—	14,371,283
Synthetic and plastic products n.e.s.	—	—	4,076,134
Syringes, fountain and attachments	doz.	15,274	82,056
Syrup, corn	—	—	1
Syrup, fountain, fruit, etc.	—	—	2,929,077
Syrup, maple (factory made)	—	—	1
Syrups, table	—	—	305,922
Syrups from cane, not incl. molasses	ton	3,547	631,287
Syrups for soft drinks (for sale)	gal.	4,887,339	8,525,234
Syrups, other	—	—	9,445
Table cloths and napkins	—	—	463,877
Table cloths, plastic	doz.	39,411	396,396
Tableware, plastic	—	—	646,668
Tableware, pottery	—	—	3,154,605
Tacks, cut wire	—	—	820,290
Tags and labels, shipping	—	—	14,369,677
Tags and tickets, printed	—	—	2,651,761
Tailors' supplies, n.e.s.	—	—	2,933,966
Tallow	—	—	6,559,422
Tankage, animal,	lb.	54,232,642	2,357,681
Tanks, steel, storage, black, galvanized etc.	—	—	8,251,412
Tanks, pressure, n.e.s.	—	—	1,926,993
Tanks, steel, pneumatic	—	—	673,806
Tanks, steel, septic	—	—	367,198
Tanks, other, not specified	—	—	2,707,165
Tanners' bate	—	—	1
Tape, adhesive	—	—	1
Tape, rubber and friction	lb.	1,928,392	1,243,859
Tape, paper, gummed	—	—	3,201,194
Tape, telegraph	—	—	1
Tapes, fabric	—	—	1,531,663
Tapes, measuring, steel, etc.	—	—	1
Tapestries and other upholstering materials	yd.	3,338,251	6,472,893
Tapioca	—	—	1
Tar, coal and crude	imp. gal.	37,852,925	4,039,054
Tar, refined	" "	3,542,989	538,458
Tar from petroleum refineries	—	—	1
Targets, clay	—	—	1
Tea, blended, etc.	lb.	43,057,499	38,844,906
Telephone material	—	—	33,154,024
Tenoners and mortisers, wood-working	No.	167	51,198
Tents	—	—	645,557
Textile and leather specialties, n.e.s.	—	—	1,583,150
Thermometers, all kinds	—	—	1
Thickeners, mining and metallurgical	—	—	1
Thinners, pyroxylin	imp. gal.	1,574,315	1,996,794
Thread, cotton	—	—	9,120,813
Thread, rayon, silk, etc. (See also Yarn)	—	—	705,720
Threading machines	No.	854	101,231
Threshers and reaper-threshers, combined	"	35,105	54,723,006
Ties, wooden	"	5,994,222	8,323,245
Tile, asphalt and other, n.s.	—	—	2,590,813
Tile, drain (from domestic clay)	M.	25,357	1,292,272
Tile, floor, (from domestic clay)	—	—	70,969
Tile, floor and wall (from imported clay)	—	—	1
Tile, hollow blocks incl. fireproofing and load-bearing tile	ton	166,090	2,482,224
Tile, plastic and other n.s.	—	—	892,206
Tiling, rubber	lb.	2,112,393	640,684

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Alphabetical List of Products Manufactured in Canada, 1949 — Continued

Items	Unit of measure	Quantity	Value
			$
Tin alloys	—	—	1
Tin	lb.	193,223	203,966
Tinned plate and scrap	—	—	155,687
Tinsel garlands and ribbons	—	—	1
Tinware, japanned or not	—	—	726,582
Tire braids, auto	—	—	1
Tire fabrics	lb.	21,164,843	14,199,622
Tires and tubes:			
Balloon, casings	No.	3,864,890	72,516,671
High pressure casings	"	9,653	126,452
High pressure and balloon inner tubes	"	3,846,163	10,016,678
Bicycle tubes and tires	"	1,062,910	680,119
Aeroplane tires	"	1,831	182,492
Aeroplane tubes	"	325	3,200
Motorcycle tires	"	7,342	66,588
Tires, implement and tractor	"	606,915	12,715,858
Tires, industrial	"	13,073	125,359
Tires, rubber, not specified	—	—	218,854
Tires, railway car	—	—	1
Tissues, cleansing, paper	—	—	1
Toasters, electric	No.	407,653	2,556,034
Tobacco:			
Chewing, cut and twist	lb.	197,179	329,248
Chewing, plug	"	1,832,084	2,969,323
Smoking, leaf	"	148,366	83,702
Smoking, cut	"	25,402,768	46,265,415
Smoking, plug	"	651,599	963,891
Snuff	"	958,164	2,058,335
Stems and cuttings	—	—	1,531
Tobacco, raw leaf, processed	lb.	113,171,278	59,086,147
Tobacco curing equipment	—	—	62,080
Tobacco pouches	—	—	70,730
Toboggans	—	—	337,880
Toilet preparations, not elsewhere specified:			
Bath salts and bath oils	—	—	377,951
Brilliantine, solid	—	—	10,756
Compacts and lipsticks	—	—	1,114,033
Creams, solid or liquid, all kinds	—	—	2,494,205
Home permanent wave kits	—	—	2,307,389
Shampoos and hair rinses	—	—	2,231,364
Bay rum, hair tonics, brilliantine, liquid	—	—	1,624,684
Toilet water and lotions	—	—	3,983,154
All other	—	—	3,387,205
Toiletware, plastic	—	—	318,842
Toiletware, silver	—	—	468,971
Toluene	—	—	1
Tomato catsup, canned	lb.	2,247,734	222,404
Tomato catsup, other	"	17,786,095	3,933,684
Tomato juice	"	88,871,488	5,525,881
Tomato paste and puree	"	4,553,705	657,910
Tomato pulp	"	3,335,958	136,349
Tools, carpenters' and mechanics', other than portable pneumatic and electric tools	—	—	3,733,275
Tools, machine, n.e.s.	—	—	997,691
Tools, small, cutting	—	—	1,945,670
Tools, not elsewhere specified	—	—	7,399,710
Toothpicks	—	—	94,086
Toppings, for ice cream and cake	—	—	1,000,622
Towels and towelling:			
Towelling	—	—	931,157
Bath mats and sets	—	—	250,418
Towels, all kinds	—	—	5,616,923
Face cloths	doz.	1,030,911	1,010,523
Towels, sanitary, all kinds	—	—	5,857,229
Towels, paper	cases	531,375	2,029,034
Toys:			
Metal	—	—	1,327,792
Plastic	—	—	3,006,755
Rubber	—	—	492,322
Wooden	—	—	910,063
Miscellaneous, including model aeroplanes	—	—	2,238,874
Tractors	No.	18,163	18,075,154
Trade work, n.e.s. (printing plant)	—	—	1,803,245
Trailers:			
Cabin or house type	—	—	674,777
Commercial (except logging)	—	—	4,801,595
Logging	—	—	324,606
Not specified	—	—	348,826
Transfers, paper, decalcomania	—	—	1,302,583
Transfers, paper dry	—	—	152,331
Transformers	—	—	35,349,364
Transformer parts	—	—	245,201
Transmission towers, electric (see "Steel erected")			
Traps and fittings, lead	lb.	1,308,969	482,657
Traps, mouse and rat	—	—	1
Traps, other	—	—	1
Trays, display and other	—	—	109,477
Trichlorethylene, refined	—	—	1
Trimmings, not specified	—	—	631,342
Trophies	—	—	271,247
Trucks, factory, and other hand trucks	—	—	1,170,824
Truck parts and bodies, farm	—	—	67,676
Trucks, other n.s.	—	—	32,620

1. Indicates that commodity was reported by only one or two concerns.

Alphabetical List List of Products Manufactured in Canada, 1949 — Continued

Items	Unit of measure	Quantity	Value
			$
Trunks, all kinds	No.	173,509	1,521,862
Tubes, collapsible	—	—	1
Tubes, vacuum, X-ray tubes	—	—	1
Tubing, brass, bronze, and aluminum	—	—	3,008,932
Tubing, rubber	lb.	366,634	187,917
Tubing, steel	—	—	7,332,497
Tubing and wristing, knitted	lb.	434,854	553,629
Tubs, laundry, cement	No.	36,274	382,915
Turbines and water wheels	—	—	3,873,936
Turpentine	—	—	1
Twine and cordage:			
Binder twine, all sisal and chiefly sisal	lb.	47,930,828	7,542,835
Other twine, all hemp and all flax	"	175,859	142,239
Other twine, all jute	"	3,082,682	1,162,500
Other twine, all sisal including baler twine	"	6,318,150	1,689,895
Other twine and cordage, not specified	—	—	4,430,726
Type and type metal	lb.	7,812,131	1,768,434
Typsetting (trade composition)	—	—	3,874,632
Typewriters	—	—	7,192,098
Typewriter ribbons	doz.	279,921	1,024,684
Umbrellas	"	30,902	1,085,142
Undertakers' supplies, not specified	—	—	553,283
Underwear:			
Cotton and cotton mixtures, separate, knitted:			
Fleece:			
Men's	doz.	100,591	1,382,060
Women's	"	19,038	167,890
Children's	"	76,067	525,545
Summer ribs:			
Men's	"	403,873	2,939,586
Women's	"	154,129	912,833
Children's	"	230,136	949,436
Winter ribs:			
Men's	"	62,963	841,364
Women's	"	101,712	700,980
Children's	"	209,350	1,090,206
Balbriggan:			
Men's	"	122,859	1,063,971
Women's	"	51,309	250,732
Children's	"	75,193	239,945
Cotton and cotton mixtures, combination, knitted:			
Fleece:			
Men's	"	115,072	2,506,712
Women's	"	14,685	222,482
Children's	"	44,449	560,255
Summer ribs:			
Men's	"	75,916	923,473
Women's	"	1,175	18,562
Children's	"	22,097	175,444
Winter ribs:			
Men's	"	121,278	2,663,336
Women's	"	6,721	69,832
Children's	"	47,711	566,589
Balbriggans:			
Men's	"	117,815	1,653,188
Women's	—	—	1
Children's	doz.	19,842	158,138
Rayon and rayon mixtures, knitted:			
Combination:			
Men's	"	7,827	106,812
Women's	—	—	1
Separate:			
Men's	doz.	12,733	130,838
Women's	"	470,818	3,176,310
Children's	"	25,172	103,863
All wool, combination, knitted:			
Men's	"	64,638	1,911,725
Women's and children's	"	17,911	278,415
Wool mixtures, combination, knitted:			
Men's	"	34,663	1,295,009
Women's and children's	"	9,139	186,370
All wool, separate, knitted:			
Men's	"	37,282	654,105
Women's	"	33,358	414,530
Children's	"	5,207	50,383
Wool mixtures, separate, knitted:			
Men's	"	10,831	211,358
Women's	"	22,645	339,628
Children's	"	24,179	269,545
Knitted, not specified:			
Men's and youths'	"	26,546	136,268
Women's and misses'	"	554,891	2,934,628
Children's	"	357,926	1,113,083
Shorts, woven and flat	"	112,099	875,398
Woven, not specified:			
Women's and misses'	"	143,766	974,829
Children's	"	24,610	111,743
Not specified	"	1,883	20,713
Other, not specified	"	56,370	413,071
Underslips:			
Rayon	"	273,447	5,566,256
Rayon mixtures	"	294,364	3,890,443

1. Indicates that commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1949 — Continued

Items	Unit of measure	Quantity	Value
			$
Underslips — concluded:			
Cotton	doz.	39,208	357,914
Nylon	"	10,417	328,852
Not specified	"	156,101	3,338,755
Uniforms, woollen	No.	163,958	2,917,535
Uniforms, cotton, nurses', maids, etc.	—	—	1,731,209
Upholstering materials, (See tapestries)			
Valves, brass and bronze	—	—	4,502,886
Valves, iron	—	—	2,974,285
Valves, steel	—	—	1,039,299
Valves, tire	—	—	1
Valves, not specified	—	—	423,008
Varnishes	—	—	7,939,952
Vaults, burial, cement and other	—	—	230,313
Vegetables, canned:			
Asparagus	lb.	3,401,517	992,219
Beans, baked	"	75,347,246	7,210,969
Beans, green or wax	"	20,380,475	2,185,649
Beans, lima	"	4,030,764	491,752
Beets	"	9,623,188	892,409
Carrots	"	6,625,136	523,593
Carrots and peas	"	4,595,314	567,766
Corn, cream of, whole grain, etc.	"	119,012,028	12,246,184
Mushrooms	"	832,430	406,871
Peas	"	61,250,908	6,743,194
Pumpkin and squash	"	1,655,368	83,781
Spinach	"	2,998,685	387,692
Tomatoes	"	80,250,677	5,496,580
Vegetables, mixed	"	8,296,359	861,597
Vegetables, other	"	3,021,929	430,781
Vegetables, evaporated and dehydrated	"	213,151	127,271
Vegetables, in brine	"	398,860	24,966
Vegetables, frozen or cold pack	"	10,717,082	1,860,879
Vegetable juices, canned	—	—	1
Vegetable peelers and slicers	—	—	1
Vehicles, children's	—	—	2,417,363
Vehicles, farm (See also "Carriages and wagons" "Sleighs" and "Trucks")	—	—	32,357
Veils and veiling	—	—	128,944
Velvet	—	-	1
Veneer	—	—	6,567,798
Veneer logs	M. ft. b. m.	16,432	1,295,056
Ventilators	—	—	1,369,775
Vests, woollen	No.	15,686	105,933
Vests, other	—	—	28,504
Vinegar made for own use	imp. gal.	459,187	—
Vinegar made for sale:			
Spirit	imp. gal.	6,029,030	2,702,717
Cider	" "	640,572	245,307
Malt	" "	335,479	187,263
Vitamin preparations	—	—	7,233,700
Waffle irons	No.	24,812	217,517
Wagons (see "Carriages and wagons")			
Wall board, gypsum	sq. ft.	230,561,517	7,330,359
Wall board, paper (See "Paper board")			
Wall board, plastic	—	—	1
Wall plaster, gypsum	ton	189,259	3,252,208
Wall plaster, other	—	—	294,353
Wardrobes, wall board	—	—	1
Washboards	No.	178,307	88,395
Washers, leather	doz.	1,741,207	131,240
Washers and gaskets, iron, steel, etc.	—	—	1,756,922
Washing compounds	—	—	286,182
Waste, cotton and wool	—	—	6,268,055
Waste, wood	—	—	349,437
Waste, other, not specified	—	—	724,593
Watches assembled and watch cases, etc.	—	—	2,507,999
Water, aerated	gal.	101,387,544	73,343,394
Water, distilled	—	—	30,974
Water, mineral, natural	gal.	627,043	94,244
Waterproofing of fabrics	—	—	273,816
Waterproofing preparations	—	—	131,955
Wax and wax compounds, all kinds	—	—	2,356,652
Wax, sealing	—	—	1
Weatherstrip	—	—	393,155
Weaving, custom	—	—	1,605,092
Webbing, elastic	—	—	2,403,562
Webbing, other	—	—	475,941
Weeders	No.	4,458	367,278
Weed killer	—	—	1,636,795
Welding apparatus with control equipment and accessories	—	—	2,736,042
Welding compounds and fluxes	—	—	1
Welding rods and welding wires	ton	7,152	1,149,696
Welting	yd.	9,926,323	823,561
Wheelbarrows and parts	—	—	744,114
Wheels, automobile	—	—	1
Wheels, railway car	—	—	4,925,262
Wheels, not specified	—	—	747,633
Whips	No.	12,075	7,777
Whiskies (See "Spirits")			
Whisks	doz.	42,405	133,420
Windmills	—	—	1
Wine sold during the year	gal.	4,237,161	9,267,210

1. Indicates that commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1949 — Continued

Items	Unit of measure	Quantity	Value
			$
Wine, produced and placed in storage for maturing	gal.	3,999,452	2,733,159
Wine, not specified	—	—	2,636
Wine spirit	—	—	1
Wiping cloths and rags, washed and sterilized	lb.	10,186,355	2,600,239
Wiping cloths and rags, other	"	2,930,024	895,522
Wire, brass and copper	—	—	1
Wire, gold filled and alloys	—	—	1,095,640
Wire, steel:			
Barbed:			
Quantity made	ton	12,332	—
Quantity sold	"	11,872	1,091,023
Cold rolled flat, all sizes:			
Quantity made	"	2,575	—
Quantity sold	"	1,693	415,181
Galvanized:			
Quantity made	"	62,076	—
Quantity sold	"	26,829	3,823,501
Plain:			
Quantity made	"	251,553	—
Quantity sold	"	66,774	7,732,483
Strand, twisted:			
Quantity made	"	5,598	—
Quantity sold	"	5,897	1,670,812
Other:			
Quantity made	"	2,101	—
Quantity sold	"	1,657	318,229
Wire and cable, electrical	—	—	85,775,125
Wire rope and cable, not specified	ton	16,193	8,926,383
Wire cloth, brass and bronze	sq. ft.	4,732,385	4,168,729
Wire cloth, iron and steel, including screen cloth	—	—	1
Wire cloth, monel metal and steel	—	—	1
Wire mesh, steel, woven or welded	ton	12,928	2,061,480
Wire goods, not specified	—	—	3,619,524
Wiring devices, not elsewhere specified	—	—	12,414,883
Wooden products, not specified	—	—	2,192,405
Wood flour	ton	3,370	89,960
Woodenware, kitchen	—	—	354,496
Woodenware, not specified	—	—	498,045
Wood preservation	—	—	1
Wood preservatives	—	—	317,557
Wood turning, not specified	—	—	695,266
Woodwork, sanitary	—	—	445,077
Wool tops, noils, etc.	—	—	5,278,406
Wool or part wool, reworked or reprocessed	—	—	1,123,584
Woollen cloth, woven:			
All wool, woollen	yd.	13,909,562	28,553,635
All wool, worsted	"	5,776,156	22,352,885
Woollen and worsted mixed	"	411,425	1,214,507
Cotton warp, worsted	—	—	1
Cotton warp, woollen	yd.	964,714	840,110
Other woollen and mixtures	"	2,146,019	3,712,460
Woven goods, wool or containing wool	"	1,554,288	1,826,250
Woven goods, not specified	—	—	904,920
Wrappers, waxed (see "Paper, waxed")			
Wrappers, paper, other than waxed (See also "Boxes, paper, corrugated")	—	—	697,556
Wrappers, printed	—	—	3,649,301
Wringers, clothes	No.	180,015	1,504,715
Yarns, spun for sale:			
Cotton:			
Grey, knitting	lb.	14,627,628	9,966,130
Grey, weaving, singles	"	10,086,838	6,249,556
Grey, weaving, plied	"	14,033,787	9,392,652
Bleached, knitting	"	461,936	455,545
Bleached, other	"	213,808	180,540
Coloured, knitting	"	3,876,587	3,202,737
Coloured, other	"	1,934,046	1,519,646
Other	"	4,903,437	4,043,864
Cotton and wool mixed:			
Grey	"	498,882	585,913
Bleached and coloured	"	31,606	44,440
Silk and mixtures	"	66,316	53,954
Synthetic singles	"	18,091,665	18,818,200
Nylon and rayon, thrown	"	5,900,195	8,934,095
Spun rayon and spun rayon mixtures	"	3,739,969	3,463,683
Woollen:			
Hand knitting	"	572,372	1,223,317
Machine knitting	"	4,178,089	3,376,347
Weaving	"	923,732	655,528
Carpet	"	2,179,588	1,773,213
Not specified	"	300,192	675,647
Worsted, oil spun:			
Hand knitting	"	1,905,530	5,290,928
Machine knitting	"	5,730,656	10,897,930
Weaving	"	1,005,951	1,869,056
Carpet	—	—	1
Worsted, dry spun:			
Weaving	lb.	44,906	77,242
Knitting	"	1,186,174	3,273,654
Other	"	871,333	642,000
Yarns, not specified	"	426,827	555,414
Yeast, dry, bakers'	"	1,051,015	1,829,184

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1949 — Concluded

Items	Unit of measure	Quantity	Value
			$
Yeast, dry, brewers'	lb.	2,039,240	186,523
Yeast, fresh (for sale)	"	21,831,129	3,151,513
Yeast, made for own use in breweries	"	1,793,440	—
Yeast food, bread improver, etc.	"	4,800,318	570,505
Yoghourt	gal.	11,722	36,410
Zinc, refined, zinc alloys, etc.	lb.	6,686,693	991,653
Zinc chloride	—	—	1
Zinc naphthenate	—	—	1
Zinc oxide and zinc dust	—	—	1
Zinc white, ground in oil	—	—	1
Zinc products, not specified	—	—	119,707
Manufactured food products, packaged only	lb.	20,035,408	3,251,549
Amount received by clothing contractors	—	—	9,129,156
Inter-company transfers	—	—	2,462,239
All other products, not specified:			
Food and beverages	—	—	5,374,746
Tobacco and tobacco products	—	—	3,128
Rubber products	—	—	462,277
Leather products	—	—	4,477,360
Textile products (except clothing)	—	—	2,680,749
Clothing (textile and fur)	—	—	2,300,258
Wood products	—	—	2,374,724
Paper products	—	—	2,556,687
Printing, publishing and allied industries	—	—	5,291,801
Iron and steel products	—	—	62,282,777
Transportation equipment	—	—	54,284,095
Non-ferrous metal products	—	—	10,306,344
Electrical apparatus and supplies	—	—	8,783,392
Non-metallic mineral products	—	—	5,614,129
Products of petroleum and coal	—	—	479,574
Chemicals and allied products	—	—	12,948,094
Miscellaneous manufacturing industries	—	—	2,494,088
Custom work and repairs:			
Food and beverages	—	—	930,992
Tobacco and tobacco products	—	—	—
Rubber products	—	—	—
Leather products	—	—	929,860
Textile products (except clothing)	—	—	4,497,286
Clothing (textile and fur)	—	—	1,071,328
Wood products	—	—	5,914,902
Paper products	—	—	21,760
Printing, publishing and allied industries	—	—	—
Iron and steel products	—	—	49,376,964
Transportation equipment	—	—	107,365,759
Non-ferrous metal products	—	—	2,482,428
Electrical apparatus and supplies	—	—	3,782,961
Non-metallic mineral products	—	—	320,183
Products of petroleum and coal	—	—	—
Chemicals and allied products	—	—	—
Miscellaneous manufacturing industries	—	—	6,347,105
Products which were reported by only one or two firms and for which figures cannot be shown separately (See commodities indicated by footnote 1.)	—	—	472,055,714
Total value of products listed	—	—	**12,816,897,975**
Adjustments due to valuation of intermediate products, excise taxes, etc.	—	—	337,304,675
Total	—	—	**12,479,593,300**

1. Indicates that the commodity was reported by only one or two concerns.

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OF THE
MANUFACTURING INDUSTRIES OF CANADA
1950

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PART I. GENERAL ANALYSES OF MANUFACTURING

Section 1. Growth of Manufacturing

In this report the manufacturing industries of Canada are dealt with in two Parts. Part I gives general analyses including the historical development of manufacturing; detailed treatment of current production under various groupings and by individual industries; and principal factors in manufacturing production such as capital, employment, salaries and wages, size of establishment, and power and fuel. Part II deals with the provincial and local distribution of manufacturing production.

With regard to historical development, it is impossible to give absolutely comparable statistics over a long period of years. From 1870 to 1915 statistics were collected only in connection with decennial or quinquennial censuses, and there was inevitably some variation in the information collected. The annual Census of Manufactures was instituted in 1917 and while numerous changes have been made since then in the information collected and the treatment of the data, an effort has been made to carry all major revisions, in so far as possible, back to 1917 so that the figures for the period since then are on a reasonably comparable basis.

Canada is no longer on the fringes of industrialization but ranks among the world's important manufacturing countries. The forward movement in development has been the result of three great influences: first, the opening of the west at the beginning of the present century which greatly increased the demand for manufactured goods of all kinds, especially construction materials; secondly, World War I which left a permanent imprint upon the variety and efficiency of Canadian manufacturing plants; and thirdly, World War II with its insatiable demands for food and manufactured products of all kinds. Events such as the discovery of a major oil pool on the Prairies in 1947, the discovery of large scale deposits of iron, the successful search for uranium, have given new dimensions to Canadian thinking and business planning. These are the factors that explain the records of capital expenditures year by year since the end of the war. It is not the mere rate of expansion that is significant. There have been other periods when our population has grown more rapidly and in many respects the rate of industrial expansion was relatively as great in the late 'twenties as now. The real significance of the post-war years is that never before has there been an advance on such a broad industrial front.

The second point to be observed is the changing emphasis of Canadian manufacturing activity. By 1949, the period of post-war conversion was passed and Canada had entered a new phase of economic expansion which derived its dynamic from the discovery of new resources and the application of new processes. This meant that even the sharp recession in the United States in the year 1949 failed to have significant effects in Canada. The influence of the Korean conflict and the consequent rearmament programme gave an added impetus to the expansion of Canadian industry and the development of Canadian basic resources. Capital expenditures which contributed most to the defence of Canada were given priority. Additional capacity was created to meet the requirements of the specialized defence programme—aircraft, electronic equipment, ships and guns—a good deal of which had never been produced in Canada before. Measures such as steel control, credit regulations and deferred depreciation had the desired effect. A shift gradually took place toward the further expansion of basic industrial capacity and away from investment in consumer goods and services.

It should be emphasized that Canada's development as an industrial country is based upon and not independent of her position as a trading nation. Canada is sixth among the world's industrial powers and the world's fourth largest trader. Canada's exports earn a quarter of her income and Canada's per capita trade at $571 is more than that of any other country. At the same time Canada's position has become more closely linked with this Continent and trade with the United States has grown to the point where that country took nearly 2/3 of our exports in 1950.

The stability of current levels of manufacturing is indicated by the fact that such activity is the result of business assessments of resources and market potentialities. Millions of dollars are being invested in oil because the Prairies can produce oil as economically as other great fields on this Continent. Petro-chemical plants are being erected because the raw materials are readily at hand. Kitimat is based on the coincidence of abundant and cheap hydro-power and access to ocean transportation, both of which are essential to the low cost production of aluminum. The exploitation of the Ungava iron deposits rests on the belief that the steel industry of this Continent will need the high grade ores involved in order to meet continuing peacetime demands. No other country is in a more favourable position than Canada to supply uranium for the production of atomic energy.

The manufacturing industries of Canada in 1950 again established a new record in gross value of production with a total of $13,817,526,381. This represents an increase of 10.7 per cent over the previous year's value of production. Part of the increased value was accounted for by an increase of over 5 per cent in the physical volume of production and the balance by increased prices of fully and partly manufactured products. Accompanying the rise in output was an increase of 1.0 per cent in the number of persons employed, with an increase of 6.9 per cent in the salaries and wages paid. Salary and wage payments at $2,771,267,435 were the highest on record, and exceeded the previous high reported in 1949 by $179,376,778. Actual employment in 1950 was 1,183,297 persons compared with 1,171,207 in 1949. The number of establishments increased from 35,792 in 1949 to 35,942 in 1950. The cost of materials rose from $6,843,231,064 in 1949 to $7,538,534,532 in 1950. In 1950 the value added by manufacture amounted to $5,942,058,229 compared with $5,330,566,434 the previous year.

When manufacturing production is broken down into the broad industrial components of the standard industrial classification it is found that twelve out of seventeen groups advanced in terms of employment in 1950 and in terms of gross value of production all groups increased with the exception of leather products. The value of output of the industries in the foods and beverages group led the list at $3,029,810,604 in 1950 compared with $2,882,581,753 in 1949. Iron and steel products ranked second with a value of production of $1,524,384,478 compared with $1,419,145,725 in 1949. Paper products advanced from $1,093,060,326 in 1949 to $1,251,144,125 in 1950. Transportation equipment showed an increase from $1,063,211,331 to $1,239,579,727 over the two years.

Within these broad groupings, fifteen leading industries accounted for approximately half the total gross value of production in 1950. Pulp and paper is Canada's largest manufact-

uring industry, standing first in wages paid, first in new investment, first in exports and first in value of output. It produced one-quarter of the world's output of wood-pulp. Most of the production was processed domestically to provide 54 per cent of the owrld's supply of newsprint and a significant total of other grades of paper and paperboard. Canada also supplied 30 per cent of the world's total pulp exports. The gross value of production in this industry rose from $836 million in 1949 to $954 million in 1950. The year 1950 was outstanding for the lumber industry generally and the gross value of output of sawmills advanced from $396 million in 1949 to $497 million in 1950.

In the food and beverages classification, four industries ranked among the fifteen largest in Canada. Because of the basic importance of agriculture to the Canadian economy these industries remain in the forefront of industrial activity. The raw materials of the farm must be further processed in meat-packing plants, in canning factories, in milk, cheese and butter establishments or in flour mills. The value of production of the slaughtering and meat-packing industry, the second of the fifteen leading manufacturing industries, rose from $698 million in 1949 to $757 million in 1950. Butter and cheese production is the eighth largest industry with a production of $331 million in 1950 compared with $355 million in 1949. The tenth industry, flour milling, reported a gross value of production of $247 million in 1950, approximately the same as in the previous year. The gross value of production of bread and other bakery products, the fourteenth leading industry, rose from $204 million in 1949 to $215 million in 1950. Canada has for many years been a leading food producer and exporter. During World War I exports of food products reached significant proportions and during World War II Canada supplied her allies with vast quantities of bacon, canned meats, cheese, dried milk and eggs. Following the War, British contracts involved progressively lower volumes and fewer commodities but compensation was found in rapidly growing North American markets. Despite the virtual completion of post-war relief and emergency feeding programs abroad combined with mounting United States supplies and dwindling exchange reserves of other foreign customers, the food industries have forged ahead. Gains were recorded in 1950 over 1949 in most products. Live-stock marketings were up 6 per cent and the domestic market used increased quantities of all dairy products.

The importance of motor vehicles may be suggested by the fact that the industry not only ranks third but the motor vehicle parts industry ranks thirteenth among the leading industries. Gross value of production of the motor vehicle industry amounted to $677 million in 1950 and the motor vehicle parts industry recorded an output of $226.5 million. Canadians operate more automobiles and commercial vehicles per person than any other people outside of the United States, and this country ranks as the third largest producer of motor vehicles, being surpassed only by the United States and Great Britain. Among the nations of the world, Canada ranks first as an importer of automotive equipment and third as an exporter. Its production total of 255,000 passenger cars and 110,000 trucks in 1950 was the highest on record, exceeding the 1949 total by 73,000 units.

The fourth leading industry, that of non-ferrous smelting and refining, had a gross value of production of $670 million in 1950 compared with $599 million in 1949. Canada has been the world's leading exporter of non-ferrous metals for over a decade. She is also one of the world's leading producers of non-ferrous metals, standing first in the production of nickel, second in aluminum and zinc and fourth in copper and lead. The most important of this country's base metal ore bodies were discovered before the turn of the century. Their complexity prevented their early development, they contained ores of two or more base metals intimately associated and frequently containing appreciable quantities of precious metals such as gold, silver and platinum. Their development has been a triumph of modern techniques and rock is now treated that would have formerly been classified as waste. In recent years there have been important new discoveries of non-ferrous metals.

In 1950 the petroleum products industry ranked fifth and gross output was valued at $512 million. In many respects petroleum has been Canada's most outstanding post-war development. New discoveries in Alberta enabled Canadian crude petroleum production to be almost quadrupled between 1947 and 1950. In the early years of this development the increased production was designed chiefly for the domestic market. With this in view a $60 million pipe line was constructed to carry oil from Edmonton to the Lakehead. A new fleet of oil tankers was built to transport the oil from the Lakehead to refineries in Central Canada. New refineries were built on the Prairies and in Central Canada the refining capacity was increased both by the addition of new refineries and by the expansion of existing ones. This has resulted in Canadian refining capacity being increased by 50 per cent.

The primary iron and steel industry had an output of $340.5 million in 1950 and is making tremendous progress because of the expansion of iron ore production. The exploitation of Canada's iron ore deposits has become more urgently required with increasing world and domestic demands. In the immediate post-war period, development was concentrated on mines in the Steep Rock area but when full development of the Quebec-Labrador area takes place Canada should rank among the largest six producers of iron ore in the world.

Three textiles industries ranked within the fifteen leading industries in 1950—cotton yarns and cloth, men's factory clothing and women's factory clothing. While the clothing and fur group generally operated at the same level in 1950 as in 1949, primary textiles as a whole were up nearly 16 per cent. The output of firms in the cotton yarn and cloth industry increased from $211 million in 1949 to $257 million in 1950. The gross value of production of the men's factory clothing industry in 1950 was $227 million and women's factory clothing output amounted to $195 million. The year 1950 was characterized by two distinct phases. In the first half there was worry over an uncertain domestic market and increased imports but in the last part of the year due to the defence emergency the major problem was that of obtaining adequate supplies of raw materials. Scarcities were particularly evident in the field of synthetics but wool was also in short supply and cotton far from plentiful. The significance of the textile industry is indicated by the fact that the group known as textiles except clothing produced goods to the value of $730,288,766 in 1950, an amount exceeding 4 per cent of Canada's gross national product, and employed 99,047 persons in 856 plants.

The rubber industry forms an adjunct of considerable importance to the cotton yarn and cloth and synthetic fibres industries, which supply it with tire and other fabrics. Canada ranks among the leading countries of the world as a manufacturer of rubber goods and these commodities contribute materially to Canada's export trade. The output value of rubber products increased from $178.5 million in 1949 to $239 million in 1950. This increase was due particularly to a great expansion in tires and tubes and also to substantial gains in footwear and miscellaneous rubber goods.

From the point of view of employment which more closely reflects changes in the physical volume of production than any other factor, the electrical apparatus and supplies industrial group with an increase of 7.8 per cent reported the greatest positive change. Next came the rubber products group and non-metallic mineral products group, each with 5.2 per cent. These were followed by petroleum and coal products group with 4.3 per cent; wood products 3.7 per cent; textile products (except clothing) 3.3 per cent; miscellaneous manufacturing industries 3.1 per cent; printing, publishing and allied trades 2.1 per cent; paper products 1.4 per cent; iron and steel products .6 per cent; and chemical products .4 per cent. Several groups reported reduced employment. The greatest decline was realized by the leather products industry with a drop of 5.5 per cent in the number of employees, followed by tobacco and tobacco products with a drop of 3.4 per cent. Small declines were reported in the foods and beverages group, clothing (textile and fur), transportation equipment and non-ferrous metal products.

Percentage changes in manufacturing production of each province from 1944 (the wartime high) to 1949 and from 1949 to 1950 were as follows:

Province	1949 Compared with 1944[1]			1950 Compared with 1949[2]		
	Number of employees	Salaries and wages	Gross value of products	Number of employees	Salaries and wages	Gross value of products
Newfoundland	—	—	—	- 3.6	+ 4.9	+ 5.6
Prince Edward Island	- 2.2	+ 25.9	+ 69.2	+ 2.2	+ 9.8	+ 9.3
Nova Scotia	- 22.5	- 8.8	+ 21.1	- 2.8	+ 0.4	+ 3.4
New Brunswick	+ 1.2	+ 36.7	+ 52.2	+ 1.8	+ 4.9	+ 13.9
Quebec	- 8.0	+ 21.2	+ 29.3	—	+ 5.2	+ 9.3
Ontario	- 1.3	+ 33.8	+ 40.6	+ 1.7	+ 8.2	+ 11.8
Manitoba	+ 2.5	+ 37.2	+ 34.7	- 2.3	+ 3.0	+ 2.4
Saskatchewan	- 12.3	+ 25.8	+ 23.0	- 2.3	+ 3.3	+ 1.1
Alberta	+ 19.1	+ 65.9	+ 47.1	+ 1.2	+ 6.0	+ 8.3
British Columbia	- 13.7	+ 9.9	+ 46.2	+ 5.4	+ 10.3	+ 18.1
Canada	**- 4.8**	**+ 26.9**	**+ 36.7**	**+ 1.0**	**+ 6.9**	**+ 10.7**

1. Excluding Newfoundland.
2. Including Newfoundland.

Tables 1 to 3 give a picture of the growth of manufacturing, in general, as shown by comparable principal statistics, i.e., establishments, capital, employees, salaries and wages paid, cost of materials and values of products. A number of interesting comparisons are made in Table 4 and figures of consumption are given in Table 5.

TABLE 1. Summary Statistics of Manufactures, 1917-50

Note. Statistics of manufacturing from 1870 have been published, but between that year and 1917 they are not on a comparable basis to the series given below. They will be found in Table 1 in the 1942 edition of this report. Statistics of the non-ferrous metal smelting industries were included in manufactures for the first time in 1925.

Year	Establishments	Capital	Employees	Salaries and wages	Cost of materials	Net value of products[1]	Gross value of products
	No.	$	No.	$	$	$	$
1917	21,845	2,333,991,229	606,523	497,801,844	1,539,678,811	1,281,131,980	2,820,810,791
1918	21,777	2,518,197,329	602,179	567,991,171	1,827,631,548	1,399,794,849	3,227,426,397
1919	22,083	2,670,559,435	594,066	601,715,668	1,779,056,765	1,442,400,638	3,221,457,403
1920	22,532	2,923,667,011	598,893	717,493,876	2,085,271,649	1,621,273,348	3,706,544,997
1921	20,848	2,697,858,073	438,555	497,399,761	1,365,292,885	1,123,694,263	2,488,987,148
1922	21,016	2,667,493,290	456,256	489,397,230	1,272,651,585	1,103,266,106	2,375,197,691
1923	21,080	2,788,051,630	506,203	549,529,631	1,456,595,367	1,206,332,107	2,662,927,474
1924	20,709	2,895,317,508	487,610	534,467,675	1,422,573,946	1,075,458,459	2,570,561,931
1925[2]	20,981	3,065,730,916	522,924	569,944,442	1,571,788,252	1,167,936,726	2,816,864,958
1926[2]	21,301	3,208,071,197	559,161	625,682,242	1,712,519,991	1,305,168,549	3,100,604,637
1927[2]	21,501	3,454,825,529	595,052	662,705,332	1,741,128,711	1,427,649,292	3,257,214,876
1928[2]	21,973	3,804,062,566	631,429	721,471,634	1,894,027,188	1,597,887,676	3,582,345,302
1929[2]	22,216	4,004,892,009	666,531	777,291,217	2,029,670,813	1,755,386,937	3,883,446,116
1930[2]	22,618	4,041,030,475	614,696	697,555,378	1,664,787,763	1,522,737,125	3,280,236,603
1931	23,083	3,705,701,893	528,640	587,566,990	1,221,911,982	1,252,017,248	2,555,126,448
1932	23,102	3,380,475,509	468,833	473,601,716	954,381,097	955,960,724	1,980,471,543
1933	23,780	3,279,259,838	468,658	436,247,824	967,788,928	919,671,181	1,954,075,785
1934	24,209	3,249,348,864	519,812	503,851,055	1,229,513,621	1,087,301,742	2,393,692,729
1935	24,034	3,216,403,127	556,664	559,467,777	1,419,146,217	1,153,485,104	2,653,911,209
1936	24,202	3,271,263,531	594,359	612,071,434	1,624,213,996	1,289,592,672	3,002,403,814
1937	24,834	3,465,227,831	660,451	721,727,037	2,006,926,787	1,508,924,867	3,625,459,500
1938	25,200	3,485,683,018	642,016	705,668,589	1,807,478,028	1,428,286,778	3,337,681,366
1939	24,805	3,647,024,449	658,114	737,811,153	1,836,159,375	1,531,051,901	3,474,783,528
1940	25,513	4,095,716,836	762,244	920,872,865	2,449,721,903	1,942,471,238	4,529,173,316
1941	26,293	4,905,503,966	961,178	1,264,862,643	3,296,547,019	2,605,119,788	6,076,308,124
1942	27,862	5,488,785,545	1,152,091	1,682,804,842	4,037,102,725	3,309,973,758	7,553,794,972
1943	27,652	6,317,166,727	1,241,068	1,987,292,384	4,690,493,083	3,816,413,541	8,732,860,999
1944	28,483	3	1,222,882	2,029,621,370	4,832,333,356	4,015,776,010	9,073,692,519
1945	29,050	3	1,119,372	1,845,773,449	4,473,668,847	3,564,315,899	8,250,368,866
1946	31,249	3	1,058,156	1,740,687,254	4,358,234,766	3,467,004,980	8,035,692,471
1947	32,734	3	1,131,750	2,085,925,966	5,534,280,019	4,292,055,802	10,081,026,580
1948	33,420	3	1,155,721	2,409,368,190	6,632,881,628	4,938,786,981	11,875,169,685
1949[4]	35,792	3	1,171,207	2,591,890,657	6,843,231,064	5,330,566,434	12,479,593,300
1950[4]	35,942	3	1,183,297	2,771,267,435	7,538,534,532	5,942,058,229	13,817,526,381

1. For 1924 and subsequent years the net value of production is computed by subtracting the cost of fuel and electricity and the cost of materials from the gross value. Figures prior to 1924 are not comparable because statistics for cost of electricity are not available.
2. A change in the method of computing the number of wage-earners in the years 1925 to 1930, inclusive, increased the number somewhat over that which the method otherwise used would have given. In 1931, however, the method in force prior to 1925 was re-adopted.
3. Not collected.
4. Includes Newfoundland.

TABLE 2. Summary Statistics of Manufactures, by Provinces, Significant Years, 1917-50

Province and Year	Establishments	Capital	Employees	Salaries and wages	Cost of materials	Net value of products[1]	Gross value of products
	No.	$	No.	$	$	$	$
Newfoundland:							
1949	793	4	6,934	15,486,336	31,228,173	32,918,776	67,264,282
1950	850	4	6,682	16,246,252	31,505,623	36,712,377	71,062,850
Prince Edward Island:							
1917	411	2,008,082	1,556	663,251	3,087,621	1,750,135	4,837,756
1920	370	2,328,686	1,287	855,210	4,164,223	2,133,557	6,300,080
1929[2]	263	2,646,354	2,074	727,286	2,862,725	1,486,446	4,408,608
1933	249	2,256,307	991	529,684	1,590,834	1,126,826	2,775,787
1937	240	2,637,472	1,062	607,547	2,386,091	1,117,298	3,566,991
1939	222	2,682,900	1,088	617,945	2,239,117	1,243,979	3,543,681
1944	241	4	1,786	1,694,763	6,993,510	3,570,835	10,713,644
1945	234	4	1,851	1,679,212	8,242,949	3,178,434	11,592,753
1946	246	4	1,755	1,651,469	7,582,046	3,469,435	11,200,310
1947	260	4	1,906	1,938,467	8,610,332	3,849,353	12,653,451
1948	254	4	1,759	2,073,985	12,634,785	4,217,680	17,074,084
1949	251	4	1,747	2,133,555	13,537,144	4,338,320	18,123,200
1950	244	4	1,786	2,342,180	15,243,042	4,284,417	19,811,023
Nova Scotia:							
1917	1,337	124,357,851	25,252	18,838,051	102,415,215	57,565,703	159,980,918
1920	1,345	135,679,188	23,425	25,625,089	85,724,785	61,371,243	147,096,028
1929[2]	1,094	118,951,398	19,986	16,905,885	50,725,562	35,676,421	89,787,548
1933	1,277	92,004,624	12,211	9,604,680	25,354,319	19,988,257	47,912,432
1937	1,135	94,756,601	18,088	16,727,338	46,964,053	33,146,796	84,393,656
1939	1,083	101,954,082	17,627	16,651,685	43,332,195	35,885,563	83,139,572
1944	1,281	4	37,812	59,940,411	103,463,123	93,376,638	204,421,664
1945	1,297	4	33,423	51,703,245	107,860,539	84,358,189	199,775,177
1946	1,397	4	29,724	43,060,259	100,354,480	71,738,873	178,793,420
1947	1,480	4	30,285	46,113,036	111,354,221	84,935,517	204,219,433
1948	1,440	4	30,348	52,553,200	140,761,593	95,774,483	246,111,683
1949	1,480	4	29,311	54,686,577	135,841,899	102,294,298	247,592,389
1950	1,482	4	28,479	54,888,061	147,131,945	97,780,564	255,887,499
New Brunswick:							
1917	943	60,300,907	19,710	12,893,014	32,380,621	27,027,725	59,408,346
1920	901	101,216,395	19,007	19,266,821	60,812,641	45,803,164	106,615,805
1929[2]	803	91,376,948	17,952	15,127,716	39,800,366	26,640,786	68,145,012
1933	747	90,148,317	11,336	9,308,100	20,442,421	18,166,713	41,345,622
1937	805	89,797,597	15,612	14,563,310	36,983,284	28,770,727	69,479,207
1939	803	91,171,323	14,501	13,659,162	35,617,614	27,041,195	66,058,151
1944	937	4	23,164	32,345,080	83,993,599	62,258,478	152,106,577
1945	889	4	22,503	32,408,048	87,235,347	63,380,075	156,623,378
1946	993	4	22,732	33,151,919	96,389,299	67,783,377	170,753,741
1947	1,061	4	24,181	39,583,393	116,491,443	83,487,984	208,366,438
1948	1,067	4	24,325	43,918,687	134,410,529	91,404,150	234,579,684
1949	1,060	4	23,446	44,219,819	131,804,253	91,187,375	231,506,191
1950	1,107	4	23,863	46,386,069	148,066,224	106,204,409	263,753,067
Quebec:							
1917	7,032	662,012,975	188,043	141,008,616	385,212,984	380,882,409	766,095,393
1920	7,530	878,859,638	183,748	202,516,550	553,558,520	499,643,217	1,053,201,737
1929[2]	6,948	1,246,208,650	206,580	225,226,808	537,270,055	537,796,395	1,108,592,775
1933	7,856	1,035,339,591	157,481	134,696,386	292,560,568	288,504,782	604,496,078
1937	8,518	1,117,772,721	219,033	216,971,207	562,889,160	445,885,666	1,046,470,796
1939	8,373	1,182,538,441	220,321	223,757,767	536,823,039	470,385,279	1,045,757,585
1944	9,656	4	424,115	668,156,053	1,494,253,053	1,350,519,134	2,929,685,183
1945	10,038	4	384,031	607,473,443	1,307,534,193	1,149,390,919	2,531,903,830
1946	10,818	4	357,276	565,986,105	1,297,009,099	1,125,991,848	2,497,971,521
1947	11,223	4	379,449	662,837,614	1,601,055,840	1,324,397,690	3,017,049,422
1948	11,107	4	383,835	756,078,652	1,954,111,943	1,533,798,259	3,598,870,345
1949	11,579	4	390,275	809,579,270	2,027,793,643	1,651,629,668	3,788,497,123
1950	11,670	4	390,163	851,334,700	2,225,476,250	1,798,320,105	4,142,473,290
Ontario:							
1917	9,061	1,157,850,643	299,389	258,393,065	794,556,502	662,174,261	1,456,730,763
1920	9,113	1,464,097,346	295,674	362,941,317	1,071,843,374	792,267,562	1,864,110,936
1929[2]	9,348	1,986,736,556	328,533	406,622,627	1,056,530,202	916,971,816	2,020,492,433
1933	9,542	1,587,947,947	224,816	220,530,088	464,544,563	465,103,842	958,776,858
1937	9,796	1,674,806,201	321,743	373,018,048	1,025,871,741	804,703,114	1,880,388,188
1939	9,824	1,762,571,669	318,871	378,376,209	907,011,461	791,428,569	1,745,674,707
1944	10,731	4	564,392	975,038,060	2,310,347,858	1,930,043,913	4,339,797,784
1945	10,869	4	518,056	882,483,387	2,148,290,603	1,720,938,199	3,965,069,021
1946	11,424	4	498,120	845,216,547	2,001,900,592	1,659,284,622	3,754,523,701
1947	11,860	4	537,581	1,037,976,714	2,651,697,573	2,136,014,184	4,903,472,526
1948	12,118	4	551,556	1,210,438,044	3,118,084,345	2,486,007,774	5,742,269,854
1949	12,951	4	557,190	1,305,544,434	3,256,454,918	2,708,554,013	6,103,804,834
1950	12,809	4	566,513	1,412,999,146	3,598,821,495	3,068,141,837	6,822,953,981

TABLE 2. Summary Statistics of Manufactures, by Provinces, Significant Years, 1917-50 — Concluded

Province and Year	Establishments	Capital	Employees	Salaries and wages	Cost of materials	Net value of products[1]	Gross value of products
	No.	$	No.	$	$	$	$
Manitoba:							
1917	732	82,566,858	18,939	16,513,423	69,715,149	42,280,801	111,995,950
1920	747	94,424,145	23,728	32,372,081	92,729,271	62,776,912	155,506,183
1929[2]	861	121,363,898	24,012	31,224,596	87,832,324	63,925,015	155,266,294
1933	1,010	100,074,404	18,871	18,687,430	44,579,998	37,390,275	83,934,777
1937	1,043	119,363,026	23,706	27,198,978	87,684,514	49,950,465	140,805,451
1939	1,087	119,659,365	23,910	28,444,798	82,408,293	48,810,544	134,293,595
1944	1,290	4	40,937	62,758,081	226,234,925	120,339,926	352,334,594
1945	1,302	4	38,367	59,814,109	216,114,576	117,775,126	339,821,283
1946	1,357	4	38,367	61,018,345	223,096,935	122,780,805	351,887,099
1947	1,413	4	39,378	68,972,653	236,936,343	139,373,521	383,130,281
1948	1,399	4	40,522	79,230,931	296,606,269	157,426,179	461,974,200
1949	1,520	4	41,956	86,088,380	299,101,498	167,335,495	474,681,912
1950	1,507	4	40,985	88,701,601	300,384,707	177,051,583	485,906,206
Saskatchewan:							
1917	560	24,372,585	6,230	5,403,332	22,040,674	13,894,179	35,934,853
1920	554	24,640,520	6,709	9,571,175	34,894,105	22,610,861	57,504,966
1929[2]	594	43,925,797	7,025	9,105,597	51,003,566	23,002,952	75,368,605
1933	673	38,688,433	4,782	4,848,763	19,124,030	11,478,634	31,559,387
1937	689	39,279,050	6,107	6,758,154	43,782,999	17,068,655	62,205,884
1939	737	37,654,095	6,475	7,346,127	38,782,135	20,283,273	60,650,589
1944	1,054	4	12,361	17,703,103	131,215,017	40,833,333	175,349,234
1945	926	4	11,617	16,905,606	126,279,202	38,275,127	167,688,133
1946	955	4	11,957	17,956,317	126,595,761	38,459,630	168,356,619
1947	1,001	4	11,723	19,661,970	151,449,021	41,480,520	196,452,199
1948	926	4	10,950	21,038,911	172,423,275	45,053,786	221,363,603
1949	962	4	10,841	22,273,942	164,349,341	47,356,949	215,742,708
1950	887	4	10,596	23,010,469	164,557,306	49,494,641	218,079,955
Alberta:							
1917	636	49,146,241	9,461	8,662,417	42,632,212	23,883,673	66,515,885
1920	666	48,310,655	10,955	15,210,628	56,139,646	29,812,891	85,952,537
1929[2]	736	81,875,952	12,216	14,585,734	62,500,175	36,824,969	100,966,196
1933	874	69,604,563	9,753	9,573,468	29,425,975	18,876,929	49,395,514
1937	895	70,804,070	12,524	13,903,062	55,898,599	28,923,095	86,225,069
1939	961	73,284,225	12,712	14,977,700	53,151,149	32,618,153	87,474,080
1944	1,165	4	22,186	33,227,729	172,082,537	77,415,753	252,949,894
1945	1,157	4	21,486	32,760,326	166,198,136	78,547,626	248,287,504
1946	1,315	4	22,649	34,939,088	169,425,176	83,735,011	257,031,867
1947	1,382	4	23,941	41,246,171	202,324,036	89,289,825	296,054,129
1948	1,567	4	25,690	49,735,336	253,754,967	107,124,387	366,079,501
1949	1,685	4	26,425	55,115,554	251,364,059	114,681,296	371,995,120
1950	1,671	4	26,732	58,416,324	272,131,049	123,892,868	402,840,023
British Columbia:							
1917[3]	1,133	171,375,087	37,943	35,426,675	87,637,833	71,673,094	159,310,927
1920[3]	1,306	174,110,438	34,360	49,135,005	125,405,084	104,851,641	230,256,725
1929[3]	1,569	311,806,456	48,153	57,764,968	141,145,838	113,082,137	260,418,645
1933[3]	1,552	263,195,652	28,417	28,469,225	70,166,220	59,034,923	133,879,330
1937[3]	1,713	256,011,093	42,576	51,979,393	144,466,346	99,359,051	251,924,258
1939	1,710	274,969,502	42,554	53,881,994	136,655,872	103,263,292	247,948,600
1944	2,116	4	96,062	178,639,118	303,560,016	337,137,197	655,844,689
1945	2,326	4	87,974	160,419,133	305,759,836	307,954,519	628,903,124
1946	2,731	4	75,484	137,506,645	335,708,533	293,352,652	644,527,898
1947	3,040	4	83,161	167,282,667	453,670,677	388,702,178	858,284,592
1948	3,525	4	86,599	193,954,224	549,275,003	417,600,758	985,516,621
1949	3,493	4	82,934	196,403,722	531,112,329	409,665,348	959,008,088
1950	3,696	4	87,375	216,656,977	634,177,837	479,606,261	1,133,016,956
Yukon and N.W.T.:							
1939	5	538,847	55	97,766	138,500	92,054	242,968
1944	12	4	67	118,972	189,718	280,803	489,256
1945	12	4	64	126,940	153,466	517,685	704,663
1946	13	4	92	200,560	172,845	408,727	646,295
1947	14	4	145	313,281	690,533	525,030	1,344,109
1948	17	4	137	346,220	818,919	379,525	1,330,110
1949	18	4	148	359,068	643,807	604,896	1,377,453
1950	19	4	123	285,656	1,039,954	569,167	1,741,531

1. See footnote 1, Table 1.
2. See footnote 2, Table 1.
3. Includes Yukon.
4. Not collected.

TABLE 3. Summary Statistics of Manufactures, by Industrial Groups, 1945-50

Industrial Group and Year	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
	No.	No.	$	$	$	$
Food and beverages:						
1945	8,372	156,396	224,908,882	1,336,820,028	558,247,045	1,921,774,601
1946	8,862	160,821	241,769,865	1,408,818,069	604,120,647	2,040,708,650
1947	8,869	167,865	276,245,015	1,656,529,086	695,092,932	2,383,975,675
1948	8,686	168,893	311,235,818	2,034,844,290	766,434,971	2,839,531,142
1949	8,558	170,024	332,536,319	2,009,246,062	834,017,547	2,882,581,753
1950	8,401	167,664	346,714,443	2,102,437,260	885,322,008	3,029,810,604
Tobacco and tobacco products:						
1945	86	12,164	15,738,041	79,176,519	42,985,992	122,543,932
1946	95	10,849	14,410,558	79,255,405	39,981,625	119,634,216
1947	91	10,880	16,234,772	97,121,002	49,221,094	146,793,011
1948	79	10,459	19,550,563	95,851,271	57,666,963	153,993,442
1949	72	10,686	21,896,378	113,357,196	58,529,226	172,420,213
1950	68	10,322	22,628,918	122,610,179	65,175,854	188,330,523
Rubber products:						
1945	55	23,490	39,111,477	78,500,892	98,836,225	181,413,226
1946	60	22,055	37,813,363	62,135,578	93,451,248	159,408,113
1947	60	23,475	46,613,893	82,934,625	110,673,007	196,307,734
1948	56	21,703	48,273,015	84,223,731	106,999,669	194,111,934
1949	62	20,729	48,172,207	73,895,718	101,705,513	178,503,559
1950	61	21,812	54,262,864	101,773,382	134,061,761	239,184,510
Leather products:						
1945	706	34,123	43,268,635	95,006,015	71,297,713	167,888,463
1946	776	37,290	49,712,628	108,702,945	82,319,495	192,749,456
1947	792	35,724	52,628,612	123,894,474	86,646,061	212,430,165
1948	757	34,291	55,122,863	114,819,233	86,947,703	203,758,501
1949	747	34,900	59,699,886	117,869,462	91,157,684	210,804,174
1950	747	32,990	57,809,677	121,217,195	87,419,427	210,563,013
Textile products: (except clothing)						
1945	664	66,011	88,372,939	217,289,281	165,689,522	391,182,025
1946	720	67,366	95,637,733	215,853,616	178,852,730	402,966,184
1947	747	73,979	116,228,736	289,986,732	215,170,493	514,844,838
1948	722	75,816	141,002,245	331,943,622	261,774,544	604,946,333
1949	847	77,773	156,166,554	339,644,950	285,641,367	636,824,130
1950	846	80,328	169,175,142	412,682,853	315,556,761	741,262,685
Clothing: (textile and fur)						
1945	2,676	99,959	131,478,496	251,899,847	222,307,384	476,754,319
1946	2,988	105,868	146,265,152	285,568,957	263,018,398	551,331,576
1947	3,121	110,329	166,951,727	311,018,817	300,527,093	614,594,703
1948	3,100	115,105	191,866,371	361,216,438	345,028,807	709,688,704
1949	3,058	117,752	206,512,782	371,128,833	352,741,236	727,498,836
1950	3,051	116,248	211,223,347	377,552,172	352,889,623	734,214,334
Wood products:						
1945	7,656	93,209	119,833,932	240,482,275	208,979,657	454,447,165
1946	8,846	105,472	142,338,538	297,923,979	256,436,946	560,341,251
1947	9,744	120,434	186,467,946	398,854,196	365,050,223	771,403,332
1948	10,495	124,306	214,741,924	428,913,571	401,401,795	839,045,068
1949	11,191	121,632	224,902,644	436,637,453	393,928,758	840,355,634
1950	11,301	126,169	246,325,125	510,565,003	463,853,510	985,859,493
Paper products:						
1945	475	60,819	109,627,174	255,265,326	241,121,150	536,859,861
1946	486	67,442	134,320,546	313,410,656	333,819,710	695,085,534
1947	502	73,445	168,632,394	410,456,570	443,374,435	911,238,813
1948	522	75,980	197,397,810	485,237,427	509,993,037	1,061,359,807
1949	524	76,471	208,348,621	494,300,501	532,288,636	1,093,060,326
1950	528	77,519	225,197,438	541,260,626	638,111,352	1,251,144,125
Printing, publishing and allied trades:						
1945	2,312	43,565	74,257,775	52,655,848	132,385,988	186,945,134
1946	2,404	48,950	86,433,880	65,501,698	154,951,731	222,548,636
1947	2,458	52,096	101,611,652	82,585,466	178,667,051	263,632,152
1948	2,496	54,541	119,087,977	96,384,499	208,208,175	307,345,914
1949[1]	3,866	61,834	141,489,984	124,684,351	250,162,704	377,908,182
1950[1]	3,869	63,125	154,369,637	135,510,227	274,098,833	413,011,915

TABLE 3. Summary Statistics of Manufactures, by Industrial Groups, 1945-50 — Concluded

Industrial Group and Year	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
	No.	No.	$	$	$	$
Iron and steel products:						
1945	1,903	169,278	313,966,173	395,624,098	527,473,688	952,482,150
1946	2,086	151,373	279,567,770	337,981,814	461,501,765	824,766,017
1947	2,200	162,399	334,044,246	451,289,335	580,342,444	1,064,654,410
1948	2,263	170,071	400,878,271	570,290,989	709,347,226	1,320,527,400
1949	2,347	163,622	413,227,553	619,499,256	760,934,249	1,419,145,725
1950	2,390	164,528	438,244,749	662,332,192	817,060,278	1,524,384,478
Transportation equipment:						
1945	504	154,844	326,748,794	498,241,686	523,910,119	1,034,666,913
1946	539	100,745	200,097,765	301,206,839	279,333,127	590,128,311
1947	562	104,348	230,898,680	426,573,091	366,151,761	803,611,372
1948	578	101,816	255,504,526	509,910,825	419,133,597	941,483,906
1949	596	104,750	270,852,111	584,064,330	466,529,164	1,063,211,331
1950	601	104,176	290,436,378	674,833,465	552,171,399	1,239,579,727
Non-ferrous metal products:						
1945	436	44,221	81,889,942	337,872,041	180,653,076	548,853,026
1946	474	40,855	75,855,699	311,082,975	148,492,336	484,618,453
1947	503	43,344	91,046,568	434,517,197	201,162,856	668,074,514
1948	503	46,048	108,778,616	556,238,618	248,225,806	844,598,154
1949	532	44,698	114,591,106	537,218,214	289,125,045	867,043,028
1950	536	44,680	119,535,596	606,691,788	311,539,390	960,751,814
Electrical apparatus and supplies:						
1945	247	44,129	76,468,795	92,041,030	135,919,899	230,531,874
1946	266	43,998	74,510,479	101,939,272	129,968,926	234,572,653
1947	296	52,736	103,891,016	162,131,266	200,859,040	366,506,203
1948	314	53,873	122,113,644	180,344,829	241,333,960	425,725,279
1949	365	55,916	137,278,521	212,460,413	269,341,983	486,286,355
1950	382	60,262	155,334,065	260,306,027	315,136,176	580,578,386
Non-metallic mineral products:						
1945	700	20,269	32,959,877	41,488,955	76,318,456	130,704,796
1946	833	24,387	39,651,286	49,957,966	94,591,439	160,476,827
1947	863	26,443	50,456,143	66,266,546	115,277,990	201,786,910
1948	934	27,278	58,816,381	72,577,633	134,897,744	232,148,324
1949	1,020	28,139	64,594,354	78,401,065	143,872,615	246,457,799
1950	1,045	29,603	72,380,410	91,168,605	168,377,747	286,541,363
Products of petroleum and coal:						
1945	80	11,532	22,904,418	188,899,911	65,637,131	270,166,984
1946	77	12,106	24,197,354	190,527,903	79,046,757	286,007,855
1947	80	12,769	28,689,932	257,420,851	84,073,746	361,333,008
1948	75	13,678	34,766,341	369,035,161	97,064,006	491,961,894
1949	77	14,552	39,783,500	391,036,128	117,819,090	533,730,719
1950	76	15,177	44,425,368	442,418,483	144,488,664	616,126,299
Chemicals and allied products:						
1945	986	61,339	107,050,824	228,855,956	252,944,165	498,630,798
1946	1,031	38,012	67,842,339	179,749,719	208,399,498	401,741,703
1947	1,046	39,237	78,993,517	238,310,157	234,056,973	488,307,293
1948	1,026	39,548	89,325,771	293,041,874	268,818,222	579,827,509
1949	1,037	41,328	100,690,662	280,008,945	288 171,551	587,398,215
1950	1,033	41,475	106,794,403	307,705,741	317,166,711	646,870,510
Miscellaneous industries:						
1945	692	24,024	37,187,275	83,549,139	59,608,689	144,523,599
1946	706	20,567	30,262,299	48,617,375	58,718,602	108,607,036
1947	800	22,247	36,291,117	44,390,608	65,708,603	111,532,447
1948	814	22,315	40,906,054	48,007,617	75,510,756	125,116,374
1949	893	26,401	51,147,475	59,778,187	94,600,066	156,363,321
1950	1,007	27,219	56,409,875	67,469,334	99,628,735	169,312,602

1. Increase is due to the inclusion for the first time of establishments who publish periodicals without doing any printing.

The figures in Table 4 trace the tendencies in Canadian manufacturing industries as clearly as possible from 1917 to 1950. In analysing statistics of production and materials used, price changes should be borne in mind, particularly the inflation of values in the years immediatley following World War 1, the drop in prices of commodities during the depressions following 1921 and 1930, and the increases again in the recent war and post-war period. The figure that shows most clearly the trend of development is concerned with the use of power. The total horse-power employed increased from 1,658,475 in 1917 to 3,159,414 in 1943, an advance of about 392 p.c. in 31 years. In the same period, horse-power per wage-earner showed an interrupted trend from 3.06 to 10.82 in 1933 and 9.46 in 1939. With the large increase in the number of wage-earners on war production, and the more efficient utilization of the equipment available, the horse-power per wage-earner dropped to 6.28 in 1944; the increasing installation of power machinery and the decline in employment after the War resulted in a rise to 8.52 in 1948. The significant feature is the increase in both the absolute figures of power employed and the averages per wage-earner during the depression years as compared with 1929, although the large numbers of persons again finding employment since 1933 reduced the averages for the years 1934 to 1937 and again for 1940 to 1945. Other interesting comparisons are the trend of value added by manufacture, per employee, and of average salaries and wages paid since 1929. Between 1949 and 1950 the value of purchased fuel and electricity increased by 10 per cent; for full details of fuel and electricity used by the manufacturing industries see Table 53.

TABLE 4. Significant Statistics of Manufactures for Certain Years, 1917-50

Item		1917	1920	1929[1]	1933
Establishments	No.	21,845	22,532	22,216	23,780
Totals, employees	No.	606,523	598,893	666,531	468,658
Averages per establishment	No.	27.8	26.6	30.0	19.7
Totals, salaries and wages	$	497,801,844	717,493,876	777,291,217	436,247,824
Averages, per establishment	$	22,788	31,843	34,988	18,345
Averages, per employee	$	821	1,198	1,166	931
Employees on salaries	No.	64,918	78,334	88,841	86,636
Averages, per establishment	No.	3.0	3.5	4.0	3.6
Salaries	$	85,353,667	141,837,361	175,553,710	139,317,946
Averages, per salaried employee	$	1,315	1,811	1,976	1,608
Employees on wages	No.	541,605	520,559	577,690	382,022
Averages, per establishment	No.	24.8	23.1	26.0	16.1
Wages	$	412,448,177	575,656,515	601,737,507	296,929,878
Averages, per wage-earner	$	762	1,106	1,042	777
Cost of materials	$	1,539,678,811	2,085,271,649	2,029,670,813	967,788,928
Averages, per establishment	$	70,482	92,547	91,361	40,698
Averages, per employee	$	2,539	3,482	3,045	2,065
Values added in manufactures[3]	$	1,281,131,980	1,621,273,348	1,755,386,937	919,671,181
Averages, per establishment[3]	$	58,646	71,954	79,015	38,674
Averages, per employee[3]	$	2,112	2,707	2,634	1,962
Gross value of products	$	2,820,810,791	3,706,544,997	3,883,446,116	1,954,075,785
Averages, per establishment	$	129,128	164,501	174,804	82,173
Averages, per employee	$	4,651	6,189	5,286	4,170
Power employed	H.P.	1,658,475	2,068,875	3,855,648	4,135,008
Averages, per establishment	H.P.	76	92	174	174
Averages, per wage-earner	H.P.	3.06	3.97	6.67	10.82

Item		1939	1944	1949	1950
Establishments	No.	24,805	28,483	35,792	35,942
Totals, employees	No.	658,114	1,222,882	1,171,207	1,183,297
Averages, per establishment	No.	26.5	42.9	32.7	32.9
Totals, salaries and wages	$	737,811,153	2,029,621,370	2,591,890,657	2,771,267,435
Averages, per establishment	$	29,744	71,257	72,415	77,104
Averages, per employee	$	1,121	1,660	2,213	2,342
Employees on salaries	No.	124,772	192,558	221,551	231,053
Averages, per establishment	No.	5.0	6.8	6.2	6.4
Salaries	$	217,839,334	418,065,594	628,427,937	692,633,349
Averages, per salaried employee	$	1,746	2,171	2,836	2,998
Employees on wages	No.	533,342	1,030,324	949,656	952,244
Averages, per establishment	No.	21.5	36.2	26.5	26.5
Wages	$	519,971,819	1,611,555,776	1,963,462,720	2,078,634,086
Averages, per wage-earner	$	975	1,564	2,068	2,183
Cost of materials	$	1,836,159,375	4,832,333,356	6,843,231,064	7,538,534,532
Averages, per establishment	$	74,024	169,657	191,194	209,742
Averages, per employee	$	2,790	3,952	5,843	6,371
Values added in manufactures[3]	$	1,531,051,901	4,015,776,010	5,330,566,434	5,942,058,229
Averages, per establishment[3]	$	61,724	140,989	148,932	165,324
Averages, per employee[3]	$	2,326	3,284	4,551	5,022
Gross value of products	$	3,474,783,528	9,073,692,519	12,479,593,300	13,817,526,381
Averages, per establishment	$	140,084	318,565	348,670	384,440
Averages, per employee	$	5,280	7,420	10,655	11,677
Power employed	H.P.	5,045,287	6,468,439	[2]	[2]
Averages, per establishment	H.P.	203	227	[2]	[2]
Averages, per wage-earner	H.P.	9.46	6.28	[2]	[2]

1. A change in the method of computing the number of wage-earners in the years 1925 to 1930, inclusive, increased the number somewhat over that which the method otherwise used would have given. There was, therefore, a proportionate reduction in the averages for 1925-30 per employee and wage-earner, as compared with what these averages would have been under the other method. In 1931, however, the method in force prior to 1925 was re-adopted. The figures for 1931 and later years are therefore comparable with those for 1924 and earlier years.
2. Not collected in 1949 or 1950.
3. Net values of products; see footnote 1, Table 1.

Consumption of Manufactured Products. — One of the beneficial results of adopting the same classification for external trade and for production is exhibited in Table 5, where the value of commodities made available for consumption in Canada is derived from these statistics. For example, the value of all manufactured commodities made available in 1950 was $13,866,954,535, a figure obtained by adding to the value of manufactured products the value of the imports of manufactured and partly manufactured goods and deducting the value of the exports. In this table more accurate statistics could be presented were it possible to exclude from the gross value of manufactured products the duplications involved when the products of one manufacturing establishment become the material worked upon in another. Iron, vegetable, wood and paper, textiles and animal products were, in that order, the leading groups in the value of finished products made available for consumption in 1950.

Animal, wood and paper, and non-ferrous metal products were manufactured in Canada in greater quantities than required for home consumption, providing export balances in these groups.

On balance, Canada in the past imported large quantities of iron and steel, textiles, chemicals and non-metallic mineral products in spite of large home production. The expansion of the iron and steel, chemical and non-ferrous metal industries will enable Canada to meet more of her requirements for home consumption and to export greater quantities in the future.

TABLE 5. Consumption of Manufactured Products, 1928-50, and by Industrial Groups, 1950

Year	Value of products manufactured	Manufactured and partly manufactured goods[1]		Value of manufactured products available for consumption
		Value of net imports	Value of domestic exports	
	$	$	$	$
1928	3,582,345,302	954,387,551	698,376,615	3,838,356,238
1929	3,883,446,116	939,130,201	686,876,071	4,135,700,246
1930	3,280,236,603	675,828,233	490,108,470	3,465,956,366
1931	2,555,126,448	423,519,849	347,456,198	2,631,190,099
1932	1,980,471,543	281,855,757	267,765,614	1,994,561,686
1933	1,954,075,785	298,068,344	365,232,113	1,886,912,016
1934	2,393,692,729	357,320,284	419,094,297	2,331,918,716
1935	2,653,911,209	385,597,041	582,041,141	2,457,467,109
1936	3,002,403,814	468,455,981	676,890,803	2,793,968,992
1937	3,625,459,500	566,876,483	781,099,407	3,411,236,576
1938	3,337,681,366	472,193,253	587,758,795	3,222,115,824
1939	3,474,783,528	542,364,930	646,853,938	3,370,294,520
1940	4,529,173,316	807,636,948	913,049,979	4,423,760,285
1941	6,076,308,124	1,123,994,913	1,292,855,603	5,907,447,434
1942	7,553,794,972	1,283,884,068	2,056,368,079	6,781,310,961
1943	8,732,860,999	1,305,838,746	2,444,862,298	7,593,837,447
1944	9,073,692,519	1,302,413,996	2,668,575,781	7,707,530,734
1945	8,250,368,866	1,117,544,874	2,352,441,796	7,015,471,944
1946	8,035,692,471	1,390,123,100	1,701,677,026	7,724,138,545
1947	10,081,026,580	1,928,250,119	2,124,740,343	9,884,536,356
1948	11,876,790,012	1,869,702,089	2,259,247,456	11,487,244,645
1949	12,479,593,300	2,043,583,929	2,017,055,615	12,506,121,614
Industrial Groups, 1950[2]				
Vegetable products	2,185,046,049	251,085,823	183,336,063	2,252,795,809
Animal products	1,599,723,667	45,566,726	129,658,562	1,515,631,831
Textiles and textile products	1,407,032,148	233,192,983	27,445,268	1,612,779,863
Wood and paper products	2,665,764,505	95,715,725	1,066,550,770	1,694,929,460
Iron and its products	2,748,215,232	950,457,813	237,798,756	3,460,874,289
Non-ferrous metal products	1,541,330,200	185,135,390	371,364,486	1,355,101,104
Non-metallic mineral products	902,667,662	205,899,612	68,512,695	1,040,054,579
Chemicals and allied products	599,843,963	157,010,516	100,525,482	656,328,997
Miscellaneous industries	167,902,954	165,097,482	54,541,833	278,458,603
Totals, 1950	**13,817,526,380**	**2,289,162,070**	**2,239,733,915**	**13,866,954,535**

1. Figures for the years 1928-38 are for the fiscal years ended Mar. 31 of the following years; for 1939-50 they are for the calendar year. Net imports are total imports less foreign products re-exported.

2. Consumption figures for the major groups of the Standard Industrial Classification cannot be calculated as statistics of imports and exports are still compiled on the component material classification basis.

Section 2. Value and Volume of Manufactured Products

Value of Manufactured Products.— In the interpretation of manufacturing values over a number of years, variations in the level of prices must be borne in mind. In recent years, due to violent changes in prices, unadjusted value series, used in isolation, have become increasingly inadequate as indicators of economic trends. Of necessity, interest has shifted to measures of volume. The index number of wholesale prices, on the 1926 base, stood at 114.3 in 1917, 155.9 in 1920, 97.3 in 1922, 95.6 in 1929, 67.1 in 1933, 84.6 in 1937, 75.4 in 1939 and 166.1 in 1950. Index numbers of the prices of fully or chiefly manufactured goods were: 113.5 in 1917, 156.5 in 1920, 100.4 in 1922, 93.0 in 1929, 70.2 in 1933, 80.5 in 1937, 75.3 in 1939 and 148.9 in 1950.

Volume of Manufactured Products.— Since real income is ultimately measured in goods and services, the growth of the volume of manufacturing production, as distinguished from its value, becomes a matter of great significance. The important thing to know is whether consumers are getting more goods and services, and not whether they are expending more dollars and cents. The field of industrial production, because of its dominating position in the national economy, has attracted increasing attention. This, in turn, has resulted in the need for more accurate measurements of physical output.

During the past few years, the Business Statistics Section of the Bureau's Research and Development Division has been engaged in the reconstruction of the Index of Industrial Production. The project consisted mainly of establishing annual gross and net levels of production for each industry from census of industry data and of improving the reliability of the current monthly series. For a description of the methods used in constructing the indexes and a description of its scope, see D.B.S. Reference Paper No. 34 "Revised Index of Industrial Production, 1935-1951".

The construction of this index was made possible by the availability of a great deal of basic data. Annual statistics valuable for this project have been collected by the Bureau without interruption from the end of the first World War to the present and the scope of the monthly information has been greatly expanded. Applying the methods developed through the experience of the last quarter century, it has been possible to compute an index with a fair measure of accuracy from 1935 to the present.

Prior to the end of the first World War, the movement of industrial production was regarded as following the output of a few factors such as pig iron. The introduction of the index number placed the information on a much wider base. It is safer to base one's impression of the current trend upon a comprehensive index embracing a wide range of economic factors than upon any limited group of components that necessarily fluctuate according to particular influences.

An index of this kind offers considerable advantage in analyzing social and economic problems. The greatest call for the index is for the interpretation of current economic conditions. It is particularly relevant in the study of business fluctuations. While the index is based on the sectors of the economy that are particularly sensitive to short term influences, it also reflects a large part of the variations in the total of all economic activity. The output of mines and factories plays a dominant part in economic fluctuations and is closely associated with transport and trade which are mainly concerned with the distribution of commodities. The barometric nature of the industrial sector enhances the value of the index as an indicator of short-term movements but its usefulness in the interpretation of long-term economic developments should not be overlooked.

The Canadian annual Census of Industry, from which final benchmark indexes are computed, covers practically all establishments, but excludes work in the home. In the matter of repairs, the census of manufactures generally excludes work performed in connection with a service trade such as boot and shoe and automobile repairs. However, the census covers repairs carried on essentially under industrial conditions, such as ship and locomotive repairs. Consequently only industrial-type repairs are included in the index.

The framework of the revised index is based on the new Standard Classification of Industries prepared by an interdepartmental working committee. The preceding system used by the Bureau of Statistics was of a three-fold nature based on (1) chief component material; (2) purpose and (3) origin. The first principle was used most extensively, the criteria of purpose and origin having been used for the presentation of supplementary series which played a secondary role in Bureau publications.

The main innovation introduced in the Standard Classification was the compromise between the different principles. In recent years, Canada's industrial system has undergone considerable development, from a country primarily concerned with the early stages in the processing of primary materials to one that is turning out more and more goods for final consumption. Consequently, in establishing the new classification, the concept of "purpose" has been combined with that of "chief component material" in the framework of the classification of manufacturing industries. The purpose phase was regarded as most appropriate for the wide range of consumer goods such as clothing and foods and beverages.

The industries grouped under the component material phase of the classification from 1935 to 1947 were re-arranged to conform with the standard model. As most of the industries were not greatly affected by the change in classification they were transferred intact to the proper position in the new system. The standard classification, for the most part, provided for comparability at the industry level. It was applied to establishments for the first time in the 1949 census of manufactures. In a number of industries, where the change in classification seriously disturbed the continuity, establishments were re-combined for the whole period covered by the index. The manufacture of synthetic rubber, for example, was transferred from the rubber industry to "miscellaneous chemicals". Plants engaged in the production for distribution of manufactured gas were transferred from "coke and gas" to the gas and electricity division. The salt industry was adjusted so as to comprise only processing operations for inclusion in the manufacturing division of the index. Three minor industries which were reclassified to non-industrial groups were dropped from the computation.

The appropriate series in the manufacturing division were re-classified to obtain sub-indexes of economic significance. The movement of durable goods normally varies from that of non-durables. There tends to be greater fluctuation in durables from prosperity to depression, the demand for non-durables being more constant. The manufacturing division was therefore divided, at the major group level, as between durable manufactures and non-durable manufactures. Although these groupings are rather rough and ready, they are of great use in economic analysis. The classification into producers' and consumers' goods, attempted in some countries, involves more difficulty as many intermediate commodities have alternate uses, and was not attempted here.

Volume of Production, 1923-35.— The indexes of volume of production, 1923-1935 given in Table 6 below were constructed in the General Manufactures Section of the Industry and Merchandising Division for the years 1923 to 1946. On comparing the index for 1935 given in Table 6 which stood at 87.9 with the new index for 1935 at 86.5 given in Table 7, it would appear that for the back years little significant variation existed between the two series. The indexes in Table 6 may therefore be used in evaluating the changes in the volume of manufacturing production between 1923 and 1935.

The physical volume of manufacturing production increased 50 p.c. from 1923 to 1929. When it is recalled that the population of Canada is estimated to have increased only 11 p.c. during the same period, the growth of manufacturing production is indeed remarkable. Of this advance, the part resulting from an increase in the domestic demand due to growth of population would therefore be about 11 p.c. Exports of partly and fully

manufactured goods increased from $591,830,000 in the fiscal year ended Mar. 31, 1924, to $686,876,000 in the fiscal year 1929-30, the increase in exports representing about 3.6 p.c. of the 1923 production. The remainder of the increase in production by 1929, or a margin equal to roughly 35 p.c. of the volume of manufactures of 1923, was, therefore, apparently absorbed by increases in capital equipment and by the rise in the standard of living of the population of Canada. From a high of 101.4 in 1929 the volume of production declined to 67.6 in 1932 and climbed again to 87.9 in 1935.

TABLE 6. Indexes of the Volume of Manufacturing Production, According to the Component Material Classification, 1923-35

(1935-39 = 100)

Year	Vegetable	Animal	Textiles	Wood and paper	Iron	Non-ferrous metal	Non-metallic mineral	Chemicals	Miscellaneous	All Industries
1923	62.6	75.0	64.3	65.1	81.5	42.7	81.8	59.2	99.5	67.5
1924	67.8	80.4	62.1	64.0	68.6	46.4	78.9	60.5	95.0	66.3
1925	75.1	84.8	66.5	69.0	79.9	52.5	80.3	64.8	94.5	72.5
1926	80.2	92.2	75.8	78.1	102.6	58.6	89.6	70.5	104.4	82.5
1927	84.9	90.0	81.4	84.1	104.1	67.6	102.3	75.2	114.2	87.9
1928	93.5	92.9	87.0	92.5	117.1	75.3	116.3	82.7	110.5	95.8
1929	96.4	87.9	86.1	99.6	133.4	81.3	137.1	84.8	105.6	101.4
1930	91.6	85.3	80.0	92.1	108.6	76.8	122.9	74.9	87.8	91.9
1931	83.4	77.4	78.2	76.6	82.8	73.1	105.6	69.2	80.0	79.9
1932	74.1	76.7	74.6	68.0	53.5	58.9	75.1	66.0	75.8	67.6
1933	72.8	79.6	81.1	69.6	50.2	57.6	68.8	69.9	71.9	67.7
1934	82.4	86.5	89.5	81.5	67.6	70.8	82.5	79.3	85.2	79.6
1935	87.0	91.3	94.5	89.5	83.4	81.2	88.1	87.2	91.1	87.9

Volume of Production, 1935-1950.— The period covered by this report was characterized by unprecedented industrial expansion. Emerging from a depression practically world-wide in scope, industrial operations in this country entered a period of rapid growth which was maintained throughout the war and post-war years without important interruption.

A problem confronting business economists is to determine how much of the post-war industrial "drive" was due to normal growth factors and how much of it was caused by the backlog of war accumulated demand. While it is true that the greatest demand accumulation took place in housing and consumer durables, non-durables such as textiles and clothing also started the post-war period with a sizeable backlog of unfilled demand. It is now becoming apparent, after the vigorous pace of business following the outbreak of hostilities in Korea, that a considerable portion of this demand has been satisified and somé industries, notably textiles, clothing, and major appliances, are experiencing difficulties. However, overall prospects appear bright for the near future. The increased productive activity which will result from the present very high level of capital investment is not as yet fully reflected in current production statistics. Huge expansion and development programmes are well under way in iron ore, aluminum and other metals, oil, steel, chemicals, motor vehicles, electric power, and in a number of other industries. In addition, federal government expenditures for national defence are increasing rapidly and should exert a growing influence on the economic picture.

The volume of output of manufactures rose steeply after the outbreak of hostilities in 1939. Productive facilities responded quickly to the urgent requirements of the armed forces. In the early days of the war production assignments alloted were comparatively simple, but as the pre-war weapons became obsolete and as Canada proved herself capable of turning out larger and more complex equipment, the assignments constantly shifted, changed and grew more difficult. The production figures merely suggest the magnitude of the achievement. They cannot describe the tremendous effort needed to convert a semi-agricultural country into a wartime arsenal nor the complications which arose because of shortages of manpower, tools and materials.

The productive peak was reached in 1944, when weapons, supplies and equipment were rolling off the assembly lines at record-breaking pace. The end of hostilities and the subsequent reconversion to peace-time production were attended with declines in output in 1945 and 1946. The upward trend was resumed, however, in 1947. The rate of advance slackened moderately in 1948 and 1949 but regained most of its 1947 impetus in 1950 when the renewal of hostilities in Korea resulted in heavy anticipatory buying on the part of consumers and in growing expenditures for national defence. A remarkable feature is that in 1950, the index of the volume of manufacturing production was within 10 p.c. of the record wartime level of 242.3 established in 1944.

TABLE 7. Indexes of the Total Volume of Manufacturing Production, Classified on the Basis of Durable and Non-Durable Goods, 1935-1950

(1935-39 = 100)

Year	All manufactures	Non-durable manufactures	Durable manufactures
1935	86.5	89.0	82.7
1936	95.5	97.1	93.1
1937	109.3	106.7	113.2
1938	100.6	98.9	103.2
1939	108.1	108.2	107.9
1940	134.4	124.6	149.7
1941	175.9	148.7	218.5
1942	215.7	169.4	288.1
1943	234.5	171.5	333.0
1944	242.3	179.8	340.1
1945	209.8	176.3	262.1
1946	189.9	180.2	205.1
1947	207.7	191.2	233.5
1948	215.5	197.1	244.4
1949	217.0	198.2	246.3
1950	228.1	208.3	259.1

Non-durable Manufactures

The trend of output in the non-durable sector of manufacturing was visibly smoother than in the durable sector. Except in two years, 1938 and 1945, there has been no interruption in the upward movement of production during the period under review. Despite the fact that war contracts quickened the pace of output in some of the industries, production continued to expand after the war, although at a slower rate. Unlike durable goods, non-durable commodities are mostly consumers' goods and are less influenced by sudden changes in the international situation or the capital investment programmes of producers and governments. By 1950, the non-durables index of output had reached 208, the highest on record.

The production of **processed foods and beverages** rose without pause throughout the period. A characteristic of most **manufactured foods** industries is the high ratio of the value of materials consumed to the value of products, indicating a relatively low degree of fabrication per unit of output. The "net" aggregates for these industries are consequently extremely sensitive to even minor changes in the composition of production or in the amount of processing applied to the raw materials. The advance in the production of **beverages** was practically uninterrupted from 1935 to the present. In 1950, the volume of output was nearly 3 times what it was in the base period. The largest increases were recorded in the **aerated waters** and **brewing** industries. The indexes of these industries attained levels approaching 335 and 302 in 1950. **Wine** production, after reaching a peak in 1947, dropped 36 per cent in the following three years. Output of **liquor** climbed steadily until 1946 when the index reached 209. During the next four years, the volume of production fluctuated within narrow limits and in 1950 advanced to an index level of 216.

The great demand for cigarettes for members of the armed forces during the war contributed largely to the considerable increase in the **tobacco products** index which reached the record level of 230 in 1945. The index dropped to 204 the following year, but rose gradually thereafter to 228 in 1950.

The contribution of the **"Rubber Products"** industry to the war effort was mainly in the form of tires and tubes for military vehicles and aircraft. Production of passenger car tires and tubes was sharply curtailed as was the output of rubber footwear. After marked increases in 1940 and 1941, the index remained more or less stationary at around 150 until 1945 when civilian production was resumed and the index jumped to 180. The industry-wide strike in 1946 contributed to a decline in that year, but record-breaking demand for the industry's output led to sharp advances in the following years, and in 1950 the index had reached the maximum level of 252.

Output of **leather products** rose steadily until 1946 when the index reached a high point of 168. The subsequent easing of foreign demand for the industry's products contributed to the gradual decline of production in the post-war period with the result that this industry has shown the smallest growth of any in the manufacturing sector. In 1950, volume of output was only 27 per cent greater than in the base period. Production of leather tanneries was actually somewhat lower than in 1935-39, but output of boots and shoes and other leather products declined to a lesser extent. Since 1946, the overall index dropped 25 per cent.

The **textile (ex. clothing)** industries reached their maximum wartime level of output in 1942 when the net index stood at 187. Production then fell off gradually until 1946 but recovered sharply in the post-war period to an index level of 212 in 1950. The movements of individual industries within the group have varied over the period. After reaching its highest level in 1942, the production of **cotton goods** declined steadily until 1947. After varying but fractionally in 1948 and 1949, output jumped 16 per cent in 1950. Contributing to the higher level of net output during the period 1940-1943 in this industry was the comparatively sharp increase in production of piece-dyed and printed and painted fabrics which require considerably more processing than ordinary grey fabrics. When output of these two types of cloth declined to more normal levels, the gap between the gross and net indexes gradually narrowed.

Since 1938, the production index for **synthetic textiles** showed an unbroken record of increases and in 1950 stood at 386. Much of the credit for increasing consumer acceptance of synthetic belongs to the achievements of research in improving manufacturing and dyeing techniques and in the development of new combinations of various fibres with a new range of qualities and practical applications. Synthetic fibres are now being used in the fabrication of a host of commodities such as suitings, overcoatings, blankets, carpets, draperies, upholstery products, tire fabrics, etc., in addition to hosiery, dress fabrics and other women's wear. Moreover, Canadian producers are now supplying the bulk of domestic synthetic raw material requirements which were formerly imported from the United States. As a result, new investment outlays by the industry have increased considerably in the post-war period.

The trend in the physical output of **clothing** was similar to that of other textiles, the production index reaching a peak of 162 in 1942, then declining gradually until 1947. It recovered in 1948 and 1949, but dropped moderately in 1950. The industry is now facing keen competition and a more selective retail demand by improving manufacturing methods and styling in order that more desirable merchandise be made available at lower prices. Weak demand contributed to a marked decline in the level of new investment in durable physical assets. Funds expended for new plant, machinery and equipment dropped from $13.7 million in 1949 to $11.9 million for 1950.

Production of **paper products** advanced sharply in the post-war period. The level of the index remained relatively steady from 1941 to 1944, but increased 54 per cent in the succeeding seven years to a record figure of 230. Activity in this sector of manufacturing is influenced mainly by the **"Pulp and Paper"** industry, which, in terms of value added, is the most important single manufacturing industry. In the last few years, the net value contributed by pulp and paper mills was more than twice that of any other industry. The growth of this industry during the period under review was characterized by two distinct phases. From 1935 to the end of the war, new investment by the industry was designed mainly to replace worn-out machinery and equipment and increases in output were principally the result of utilizing idle capacity after the depression of the thirties. Since 1945, however, with strong world demand for wood pulp and newsprint, together with the availability of necessary materials for expansion, the construction of new plant and the installation of new machinery and equipment reached record proportions and the volume of output rose about 60 per cent.

In recent years, a greater proportion of pulp retained for consumption in Canada has been used for the manufacture of fine papers. The increase in newsprint production in later years has not kept pace with the more processed varieties of paper. In the base period, for example, newsprint accounted for 71 per cent of the total volume of output in the industry, whereas in 1947 it contributed only 61 per cent. This was a factor in the increasing ratio of net output to gross output in the post-war period; in 1947 the net index was 190 and the gross 178, nearly 7 per cent lower. Another contributing cause was the declining consumption of purchased power per unit of output. In 1947, the index of the volume of purchased fuel and electricity consumed was only 168. This appears to be evidence of the greater utilization of capacity and technological progress. A counteracting influence was the gain in pulp made for export, which resulted in a drop in proportion of the quantity available for further processing in Canada.

The **printing and publishing** industries expanded very little during the war years. In 1944, output was only about 15 per cent greater than in the base period. Production grew rapidly, however, after the end of hostilities and in 1950, volume of output was nearly double what it was in the five pre-war years, although this represents a substantially smaller advance than total manufacturing. The post-war increase coincided with the gain in the value of new investment which was mainly in the form of machinery and equipment to make up for deficiencies dating back to the depressed thirties and the war years.

With few interruptions, output of **petroleum and coal** products rose steadily over the period under review to an index of 244 in 1950. Although production of **coke** failed to exceed its record wartime volume, **petroleum refining**, as the result of record-breaking post-war demand for gasoline and fuel oils, showed a marked expansion. In 1950, the production index stood at 276 compared with a wartime high of 170 in 1944. In recent years, the industry has added substantially to its refining capacity. From 1947 to 1950, expenditures for new plant, machinery and equipment averaged more than $37 million a year. Some of this rapid growth is associated with the remarkable progress made in the exploitation of western crude oil reserves. In 1951, oil from domestic wells represented 38 per cent of the total consumed by Canadian refineries. This compared with a contribution of 27 per cent in 1950 and 22 per cent in 1949.

Output of **chemical products** which include ammunition and explosives reached a record-high level in 1944 when the index stood at 390. Production in the post-war period has been at a considerably lower level, but increased significantly in 1950 with the advent of the defence programme. The expansion of the industry during the war made possible the manufacture of many products which were formerly imported. In addition, several entirely new products, such as synthetic rubber, were introduced. Demand for these commodities continued in the post-war period and the development of new sources of basic materials, together with the progress of research into additional commercial uses for these new compounds resulted in further expansion of production for civilian use.

The rapid wartime advance was mainly the result of the enlargement of the munition programme with the government and private industry combining forces in the construction of a huge explosives and ammunition-filling industry. At its peak in 1943, the production index for **explosives and ammunition** was 20 times higher than in the base period. Output dropped very rapidly after the end of the war and in 1946 the index was down to 107.

Since the Government-owned Polymer Corporation began producing **synthetic rubber** in 1943, output of this important commodity has expanded considerably. Production declined somewhat in 1947 and 1948 when imports of natural rubber were resumed, but recovered strongly to record levels in 1950 as the defence programme gathered momentum and as the rubber requirements of the motor vehicles industry rose to a new maximum. During 1950, synthetic rubber accounted for 26 per cent of total new rubber consumed in Canada. This commodity is classified to the **"Miscellaneous Chemicals"** industry.

TABLE 8. Indexes of the Volume of Manufacturing Production of the Groups Comprised within the Non-Durable Manufactures Classification, 1935-1950

(1935-39 = 100)

Year	Non-durable manufactures										
	Foods	Beverages	Tobacco and tobacco products	Rubber products	Leather products	Textile products (except clothing)	Clothing (textile and fur)	Paper products	Printing, publishing and allied trades	Products of petroleum and coal	Chemicals and allied products
1935	88.8	78.6	80.7	87.9	95.9	91.1	91.8	90.0	93.9	87.6	85.7
1936	97.7	93.2	88.9	96.2	96.3	101.7	97.0	98.9	99.5	95.7	92.1
1937	101.6	109.5	101.2	112.3	105.7	110.2	104.8	114.0	105.6	104.6	107.4
1938	102.5	107.2	110.9	97.0	93.3	88.8	98.4	91.7	98.9	102.7	103.5
1939	109.4	111.5	118.2	106.6	108.7	108.2	108.0	105.4	102.2	109.4	111.3
1940	119.4	131.0	126.6	116.5	116.1	147.6	125.5	126.6	102.1	125.9	136.2
1941	139.1	151.9	140.9	154.4	141.1	167.5	141.8	143.7	113.4	141.1	210.9
1942	144.3	174.5	171.5	150.6	150.0	186.8	161.9	143.4	114.4	138.2	345.8
1943	156.0	162.0	183.8	147.0	151.1	172.1	156.7	140.0	111.7	150.0	369.3
1944	171.1	190.5	200.6	149.0	149.6	162.0	147.1	149.1	114.9	171.8	390.4
1945	170.0	205.1	230.2	180.2	155.0	160.5	146.6	161.2	125.8	167.5	292.8
1946	177.2	234.4	204.4	158.0	167.9	161.7	152.9	188.9	143.8	167.4	237.7
1947	181.5	249.4	211.9	230.7	148.7	172.9	147.7	207.4	163.3	181.2	245.5
1948	183.0	270.9	215.8	227.6	129.6	180.2	156.0	217.7	177.2	199.0	243.2
1949	180.3	285.7	224.4	208.5	133.5	186.0	159.4	213.7	183.8	218.0	239.5
1950	183.6	282.9	227.5	251.9	126.8	212.4	155.7	230.4	195.3	243.5	253.7

Durable Manufactures

The tremendous increase in physical output during the war years was mostly concentrated in the durable goods sector. When war was declared in September, 1939, there were virtually no armament works, no production of large ships and large planes, no guns, no tanks. Within a few years Canadian plants were turning out naval and merchant ships, warplanes ranging up to the 15-ton Lancaster bomber, military vehicles, millions of rounds of ammunition and hundreds of other war items. On the base of 1935-39 the new volume index of durable manufactures reached a peak of 340 in 1944. In the following two years it declined sharply and stood at 205 in 1946. Since then it has regained almost half the lost ground, and reached 259 in 1950.

The largest gain occurred in the output of **transportation equipment.** Due principally to the tremendous increases in production of ships and aircraft, the index for this group of industries rose to the record level of 694 in 1944, the year of maximum war production. After reaching a postwar low of 222 in 1946, the index rose moderately during the next three years, but, spurred by the great demand for passenger cars and by the renewal of defence production, marked gains were made in 1950 with the index climbing to 262.

The **iron and steel** group of industries was also considerably affected by war requirements. As most of the industries in this sector were more firmly established in the pre-war period, they did not expand relatively to the same extent as shipbuilding and aircraft. When European supplies were cut off early in the war, the Canadian basic steel industry had to rely on the United States for a greater supply and had to increase its own steel-making capacity to meet abnormal wartime requirements. However, development of the industry did not halt with end of hostilities. Canada's industrialization programme, together with strong post-war demand for consumers' durable goods, led to steady expansion of the industry so that by 1950, compared with pre-war, pig-iron output had more than tripled and steel ingot and casting production had risen by more than 147 percent. A considerable volume of additional capacity is now under construction and should reduce still further the country's dependence on United States imports of finished and semi-finished iron and steel shapes. Indicative of the rapid growth of the industry in recent years is the amount of funds expended for new plant, machinery and equipment. From a total of $44 million in 1950, new investment jumped to $105 million in 1951.

To meet the need for electrical and radar equipment and signalling devices, the **"Electrical Apparatus and Supplies"** industry manufactured articles during the war which were previously not made in Canada. Output of civilian radio receiving sets and appliances was severely curtailed as the industry converted the major part of its productive capacity to the manufacture of war instruments. The production index reached a wartime peak of 312 in 1944 and declined during the next two years. The industry recovered rapidly, however, as a result of accumulated demand for radios, consumers' appliances and heavy electrical equipment, and by 1950 the index had jumped 49 per cent from its 1946 post-war low to a level of 368.

Production in the **non-ferrous metals** group of industries reached a wartime maximum in 1943 when the net index stood at 285. During the next three years, output dropped 44 per cent, but recovered steadily thereafter, backed by sustained demand for base metals. Aluminum is being fabricated into an ever-increasing variety of commodities, and production of aluminum bars and rods, sheets, shapes, etc., reached record proportions in the post-war period. During the war years, aluminum sheet production was of a strong alloy type used principally in aircraft construction and required more fabrication than the regular type of sheet used in the production of cooking utensils and other civilian items.

Military requirements did not affect the nature of output in the **non-metallic mineral products** group of industries. In war or peace, the bulk of production consists of construction materials such as cement, cement products, building brick, lime and gypsum products, glass, stone products, etc. During the war, under government control, a major proportion of these industries' products were channelled into construction of new war production plants, extensions to prewar plants, housing for war workers and the building of training and operation facilities for the armed services. No serious reconversion problems were encountered by the non-metal industries immediately following the war. After a slight pause, following the peak of wartime output, plants turned their productive capacity towards meeting the unprecedented demands of the post-war construction boom. From a wartime maximum of 212 in 1943, the volume index dropped moderately in 1944 and 1945, but rose steeply in succeeding years to reach the record level of 315 in 1950.

In the durables sector, the **wood-using** industries were the least affected by the war. The volume of output of wood products expanded steadily without any serious interruption throughout the war and post-war years. In 1950 the index stood at 215, the highest on record. The two most important industries are **"Sawmills"** and **"Furniture"**. The index representing the former, after reaching a wartime maximum of 140 in 1942, declined considerably in 1943, and hovered around 124 during the next two years. Beginning in 1946, however, output rose sharply, spurred by strong foreign and domestic demand for sawn lumber and by 1950, the index had advanced to 166. Production in the furniture industry expanded throughout the period under review. The great increase in residential construction in the post-war period, together with the marked gain in new family formations created a boom for producers of house furnishings. Output of furniture jumped sharply in the three years immediately following the end of the war and rose more gradually during the subsequent period. The volume index reached a maximum of 231 in 1950.

TABLE 9. Indexes of the Volume of Manufacturing Production of the Groups Comprised within the Durable Manufactures Classification, 1935-1950

(1935-39 = 100)

Year	Durable manufactures						
	Wood products	Iron and steel products	Transportation equipment	Non-ferrous metal products	Electrical apparatus and supplies	Non-metallic mineral products	Miscellaneous manufactures
1935	85.3	80.5	90.0	78.5	83.8	75.7	88.1
1936	95.8	93.0	93.5	91.5	91.2	91.7	96.1
1937	108.0	118.1	114.3	106.5	118.7	117.4	104.1
1938	102.2	100.7	101.0	109.3	102.4	105.5	103.5
1939	108.8	107.7	101.3	114.3	103.8	109.8	108.2
1940	132.1	162.3	165.1	138.0	152,9	138.4	119.4
1941	150.2	238.0	291.8	193.5	225.8	184.9	170.7
1942	156.0	315.9	439.9	255.3	273.5	209.8	248.2
1943	148.4	362.4	562.8	284.9	310.5	211.6	314.6
1944	153.4	326.2	693.7	256.2	312.1	205.3	317.1
1945	155.6	265.2	453.7	193.4	258.1	195.8	275.9
1946	175.0	222.6	221.5	160.1	247.3	221.4	225.0
1947	195.6	249.9	239.5	182.8	316.8	269.8	233.4
1948	200.7	270.4	232.6	201.6	328.5	283.7	224.5
1949	202.3	264.5	243.9	200.5	333.8	284.4	261.6
1950	215.1	263.2	262.2	212.8	367.6	314.6	281.7

Section 3. Production by Industrial Groups and Individual Industries

In the Standard Classification adopted in 1949 the industries are now grouped into seventeen major groups listed in Table 11, instead of the nine groups listed in Table 13 which were formerly used as the main basis of classification. The grouping used in Table 11 where the statistics of individual industries are presented in detail and in the historical series shown in Table 3, is, therefore, on the basis of the new Standard Industrial Classification. However, to retain some basis of continuity with the past, there is a less detailed analysis given in Table 13 on the component material classification basis, while Table 14 gives the industries on the basis of the origin of the materials used.

Subsection 1. Manufactures Grouped on the Standard Classification Basis

Recent Changes in Manufacturing Production.—Table 10 shows the changes in the nature of manufacturing production since the end of World War II with regard to numbers employed, the salaries and wages paid, and the gross value of products. Owing to price declines during depressions and rises during periods of prosperity, the values of both wages and products are naturally affected more than the number of employees. Furthermore, during periods of curtailed production there is a tendency for wage-earners to be put on part time, while the number of salaried employees responds less quickly to reduction in output than that of wage-earners. Therefore, there are several reasons why the variation in number of employees should be less than that of money values. The figures of Table 10 are to be compared with those of Table 7 which shows changes in volume of production. The number of employees in 1944 increased by 86 p.c. over 1939. Salaries and wages paid were 175 p.c. higher and the gross value of production 161 p.c. higher. Another significant change is the increase in the proportion of women engaged in manufacturing. Whereas in 1939, there were 281 females to every 1,000 males employed, in 1944 this figure jumped to 403.

Significant changes in the nature of manufacturing production took place after the cessation of hostilities in 1945. Industries engaged in war production operated at a substantially lower level, while industries producing consumer goods stepped up their production. From the point of view of employment the chemical and allied products group with a drop of 33 p.c. experienced the greatest decline in production between 1945 and 1949. Transportation equipment which includes aircraft and shipbuilding was second with a drop of 32 p.c., followed by tobacco and tobacco products with 12 p.c., rubber goods 12 p.c. and iron and steel products 3 p.c. The non-metallic mineral products group reported the greatest gain in employment with an increase of 39 p.c. followed by printing, publishing and allied trades 31 p.c., wood products 29 p.c., electrical apparatus and supplies 27 p.c., products of petroleum and coal 26 p.c., paper products 21 p.c., textiles (except clothing) 19 p.c., clothing (textile and fur) 18 p.c., food and beverages 8 p.c., leather products 2 p.c. and non-ferrous metal products 1 p.c. For manufacturing as a whole there was an increase of 4 p.c. in the number of employees with an increase of 39 p.c. in the amount of salaries and wages paid. Although there was an increase of 50 p.c. in the gross value of production, the increase in the physical volume was not as marked. This is due to the rise in the wholesale prices of fully and partly manufactured products.

Between 1949 and 1950 for manufacturing as a whole there was an increase of 10.7 p.c. in the gross value of production, 6.9 p.c. in salaries and wages and 1 p.c. in employment. In terms of gross value of production of specific industries the largest gain of 34 p.c. was made by rubber products followed by electrical apparatus and supplies with 19.4 p.c. and wood products with 17.3 p.c. Large gains were also made by transportation equipment, textile products (except clothing) and non-metallic mineral products.

TABLE 10. Percentage Variations in Employment, Salaries and Wages, and Gross Value of Products in the Main Industrial Groups, Compared for Significant Years, 1945-50

Industrial Group	1949 compared with 1945			1950 compared with 1949		
	Employees	Salaries and wages	Gross value of products	Employees	Salaries and wages	Gross value of products
	1	2	3	4	5	6
Food and beverages[1]	+ 8.1	+ 48.5	+ 49.5	- 1.5	+ 4.3	+ 5.1
Tobacco and tobacco products	- 12.2	+ 39.1	+ 42.3	- 3.4	+ 3.3	+ 9.2
Rubber products	- 11.8	+ 23.2	- 1.6	+ 5.2	+ 12.6	+ 34.0
Leather products	+ 2.3	+ 38.0	+ 25.6	- 5.5	- 3.2	- 0.1
Textile products (except clothing)	+ 18.9	+ 78.6	+ 65.1	+ 3.3	+ 8.3	+ 16.4
Clothing (textile and fur)	+ 17.8	+ 57.1	+ 52.6	- 1.3	+ 2.3	+ 0.9
Wood products[1]	+ 28.9	+ 86.7	+ 83.9	+ 3.7	+ 9.5	+ 17.3
Paper products[1]	+ 20.7	+ 80.5	+ 95.1	+ 1.4	+ 8.1	+ 14.5
Printing, publishing and allied trades[2]	+ 31.2	+ 81.2	+ 84.1	- 2.1	+ 9.1	+ 9.3
Iron and steel products	- 3.4	+ 31.6	+ 49.0	- 0.6	+ 6.1	+ 7.4
Transportation equipment	- 32.4	- 17.1	+ 2.3	- 0.5	+ 7.2	+ 16.6
Non-ferrous metal products	+ 1.1	+ 39.9	+ 58.0	—	+ 4.3	+ 10.8
Electrical apparatus and supplies	+ 26.7	+ 79.5	+ 110.9	+ 7.3	+ 13.2	+ 19.4
Non-metallic mineral products	+ 38.8	+ 96.0	+ 88.6	+ 5.2	+ 12.1	+ 16.3
Products of petroleum and coal	+ 26.2	+ 73.7	+ 97.6	+ 4.3	+ 11.7	+ 15.4
Chemical Products	- 32.6	- 6.0	+ 17.8	+ 0.4	+ 6.1	+ 10.1
Miscellaneous industries[4]	—	—	—	+ 3.1	+ 10.3	+ 8.3
Averages, all industries[3]	**+ 3.6**	**+ 39.2**	**+ 50.0**	**+ 1.0**	**+ 6.9**	**+ 10.7**

1. Exclusive of Newfoundland in columns 1, 2 and 3; unclusive of Newfoundland in columns 4, 5 and 6.
2. Exclusive of "Publishing (only) of Periodicals".
3. Exclusive of "Publishing (only) of Periodicals", excludes Newfoundland in columns 1, 2 and 3, includes Newfoundland in Columns 4, 5 and 6.
4. Due to the change of establishments from one industry to another figures for 1949 are not comparable with previous years.

Detailed Statistics by Groups and Individual Industries.—Table 11 presents for the year 1950 detailed statistics regarding the individual industries under which all industrial plants in Canada are classified. The industries are further assembled under seventeen main groups according to the Standard Industrial Classification.

In interpreting the statistics of individual industries it should be remembered that the figures on employment, production, etc., do not refer to individual products but to all the products made in an industry. For example, the value of production of the confectionery industry amounting to $104,853,748 does not imply that this was the value of confectionery produced. What it means is that the firms whose principal product is confectionery, had a value of production of $104,853,748. This figure, in addition to confectionery, includes all the subsidiary products made by these firms, such as ice cream which was valued at $2,214,689 and bread and other bakery products valued at $2,457,312. Confectionery is also produced as a subsidiary product by firms credited to other industrial classifications. For total production figures of individual products, reference should be made to "The Alphabetical List of Products" published annually as Appendix II to this report.

The incidence of the War resulted in a rearrangement in the rank of many industries. Industries producing supplies and equipment for the Armed Forces naturally advanced while those industries producing for the domestic consumer market declined in importance. To supply the raw materials needed by the industries engaged principally in war production, it became necessary to restrict or prohibit the manufacture of many products such as automobiles, radios, washing machines, electrical equipment, household appliances, agricultural implements, etc. Though these industries were forced to change over to wartime production, the changes did not affect the value of their output and consequently their importance as producers of manufactured goods did not alter drastically. To analyse the effects of the War and the conversion to peace-time production on any industry, it is necessary to compare the nature of the products made before and during the War with that of the present. This should be borne in mind in making industrial comparisons of the war years and the present. For example, the number of employees engaged in the agricultural implements industry increased by 8,248 between 1939 and 1945; this in spite of the fact that the output of agricultural implements remained at about the same level. The increase was due to a change-over of some of the plants to war production. It is therefore impossible to trace industrial trends from the principal statistics alone, as published in this report.

TABLE 11. Establishments, Employees, Salaries and Wages, Fuel and Electricity, Materials, and Values of Products of the Manufacturing Industries, 1950

No.	Province, industry and group	Establishments	Employees on salary			Employees on wages		
			Male	Female	Salaries	Male	Female	Wages
		No.	No.	No.	$	No.	No.	$
	PROVINCE							
1	Newfoundland	850	1,596	252	3,549,900	4,091	743	12,696,352
2	Prince Edward Island	244	370	96	732,107	926	394	1,610,073
3	Nova Scotia	1,462	3,474	968	10,372,716	20,541	3,496	44,515,345
4	New Brunswick	1,107	2,627	877	8,424,096	16,652	3,707	37,961,973
5	Quebec	11,670	53,313	20,734	220,771,037	225,404	90,712	630,563,663
6	Ontario	12,809	78,797	35,737	360,758,375	355,536	96,443	1,052,240,771
7	Manitoba	1,507	5,637	2,055	21,674,518	25,619	7,674	67,027,083
8	Saskatchewan	887	2,160	825	6,914,947	6,638	973	16,095,522
9	Alberta	1,671	4,284	1,368	13,868,353	18,119	2,961	44,547,971
10	British Columbia	3,696	12,185	3,655	45,483,484	62,885	8,650	171,173,493
11	Yukon and Northwest Territories	19	32	11	83,816	66	14	201,840
12	**Totals**[1]	**35,942**	**164,475**	**66,578**	**692,633,349**	**736,477**	**215,767**	**2,078,634,086**
	INDUSTRIAL GROUP							
13	Foods and beverages	8,401	23,606	9,480	89,098,679	100,492	34,086	257,615,764
14	Tobacco and tobacco products	68	963	539	4,890,946	3,331	5,489	17,737,972
15	Rubber products	61	3,376	1,358	14,531,876	12,775	4,303	39,730,988
16	Leather products	747	2,866	1,218	12,671,007	17,000	11,906	45,138,670
17	Textile products (Except Clothing)	846	7,105	3,742	36,538,786	43,228	26,253	132,636,356
18	Clothing (Textile and Fur)	3,051	9,973	6,203	52,297,387	31,075	68,997	158,925,960
19	Wood products	11,301	19,265	2,929	46,143,831	98,757	5,218	200,181,294
20	Paper products	528	9,490	3,630	50,718,971	55,737	8,662	174,478,467
21	Printing, publishing and allied industries	3,869	14,765	8,876	59,108,731	30,500	8,984	95,260,906
22	Iron and steel products	2,390	23,133	8,280	100,982,103	126,159	6,956	337,262,646
23	Transportation equipment	601	12,881	3,888	59,040,235	84,089	3,318	231,396,143
24	Non-ferrous metal products	536	6,130	2,415	28,616,950	32,830	3,305	90,918,646
25	Electrical apparatus and supplies	382	10,204	4,544	45,471,721	33,066	12,448	109,862,344
26	Non-metallic mineral products	1,045	3,763	1,241	14,861,021	22,699	1,900	57,519,389
27	Products of petroleum and coal	76	3,637	1,108	15,468,919	10,347	85	28,956,449
28	Chemicals and allied products	1,033	9,489	5,123	44,346,028	21,730	5,133	62,448,375
29	Miscellaneous manufacturing industries	1,007	3,829	2,004	17,846,158	12,662	8,724	38,563,717
	1. Food and beverages[1]:							
	Bakery products:							
30	Biscuits	47	408	323	1,926,833	2,378	3,206	8,965,163
31	Bread and other bakery products	2,608	3,608	1,131	10,870,744	20,133	6,277	49,203,254
	Beverages:							
32	Aerated waters	501	1,511	451	5,266,159	5,424	348	10,374,870
33	Breweries	63	1,230	356	7,066,492	6,595	130	16,822,113
34	Distilled liquors	20	652	279	3,427,548	2,043	1,147	7,127,692
35	Wines	27	122	46	698,697	321	38	799,422
	Canning and processing:							
36	Fish processing[1]	591	1,220	333	3,582,829	7,216	3,073	15,139,411
37	Fruit and vegetable preparations	444	1,603	860	6,538,713	6,351	6,079	18,022,438
	Dairy products:							
38	Butter and cheese	1,806	3,759	1,678	10,467,275	14,594	991	31,484,346
39	Cheese, process	20	135	52	598,840	347	274	1,192,991
40	Condensed milk	33	191	84	709,243	1,193	73	2,662,839
41	Dairy products, other	46	134	59	469,528	447	127	1,039,475
	Grain mill products:							
42	Feeds, stock and poultry, prepared	568	1,065	438	3,443,615	3,560	128	7,201,769
43	Feed mills	685	630	57	806,368	762	4	1,085,002
44	Flour mills	118	884	401	3,716,445	3,492	126	8,201,180
45	Foods, breakfast	20	109	81	563,624	622	336	2,148,675
	Meat products:							
46	Animal oils and fats	14	46	10	200,739	235	1	531,197
47	Sausage and sausage casings	77	166	54	614,379	485	196	1,248,648
48	Slaughtering and meat-packing	157	3,476	1,128	14,814,454	13,210	2,708	39,717,583
	Other food industries:							
49	Confectionery	207	684	593	3,592,521	4,028	5,549	14,858,537
50	Macaroni and kindred products	16	48	32	237,882	305	159	909,891
51	Sugar refining	12	411	127	2,062,131	3,101	280	7,473,703
52	Malt and malt products	13						
53	Starch and glucose	9	1,514	907	7,423,620	3,650	2,826	11,405,565
54	Miscellaneous foods, n.e.s.	299						
55	**Totals, food and beverages**	**8,401**	**23,606**	**9,480**	**89,098,679**	**100,492**	**34,086**	**257,615,764**
	2. Tobacco and tobacco products:							
56	Tobacco, cigars and cigarettes	53	755	505	4,029,456	2,559	4,684	15,482,495
57	Tobacco processing and packing	15	208	34	861,490	772	805	2,255,477
58	**Totals, tobacco and tobacco products**	**68**	**963**	**539**	**4,890,946**	**3,331**	**5,489**	**17,737,972**
	3. Rubber products:							
59	Rubber goods, including footwear	61	3,376	1,358	14,531,876	12,775	4,303	39,730,988
60	**Totals, rubber products**	**61**	**3,376**	**1,358**	**14,531,876**	**12,775**	**4,303**	**39,730,988**

1. Exclusive of fish processing in Newfoundland.

TABLE 11. Establishments, Employees, Salaries and Wages, Fuel and Electricity, Materials, and Values of Products of the Manufacturing Industries, 1950

Total employees	Total salaries and wages	Cost of fuel and electricity	Cost of materials	Net value of products	Gross value of products	No
No.	$	$	$	$	$	
6,382	16,246,252	2,844,850	31,505,023	36,712,377	71,062,850	1
1,786	2,342,180	283,564	15,243,042	4,284,417	19,811,023	2
26,479	54,888,061	10,975,890	147,131,045	97,780,564	255,887,499	3
23,863	46,386,069	9,482,434	148,036,224	106,204,409	263,753,067	4
390,163	851,334,700	118,676,935	2,225,476,250	1,798,320,105	4,142,473,290	5
536,513	1,412,099,146	155,990,649	3,596,821,495	3,068,141,837	6,822,953,981	6
40,985	88,701,601	8,469,916	300,384,707	177,051,583	485,906,206	7
10,596	23,010,469	4,028,008	164,557,306	49,494,641	218,079,955	8
26,732	58,416,324	6,816,106	272,131,049	123,892,868	402,840,023	9
87,375	210,656,977	19,232,858	634,177,837	479,606,261	1,133,016,956	10
123	285,656	132,410	1,039,954	569,167	1,741,531	11
1,183,297	**2,771,267,435**	**336,933,620**	**7,538,534,532**	**5,942,058,229**	**13,817,526,381**	12
167,664	346,714,443	42,051,336	2,102,437,260	885,322,008	3,029,810,604	13
10,322	22,628,918	544,490	122,610,179	65,175,854	188,330,523	14
21,812	54,262,864	3,349,367	101,773,382	134,061,761	239,184,510	15
32,990	57,809,677	1,926,391	121,217,195	87,419,427	210,563,013	16
80,328	169,175,142	13,023,071	412,682,853	315,556,761	741,262,685	17
116,243	211,223,347	3,772,539	377,552,172	352,889,623	734,214,334	18
126,169	246,325,125	11,440,980	510,565,003	463,853,510	985,859,493	19
77,519	225,197,438	71,772,147	541,260,626	638,111,352	1,251,144,125	20
63,125	154,369,637	3,402,855	135,510,227	274,098,833	413,011,915	21
164,528	438,244,749	44,992,008	662,332,192	817,060,278	1,524,384,478	22
104,176	290,436,378	12,574,863	674,833,465	552,171,399	1,239,579,727	23
44,680	119,535,596	42,520,636	606,691,788	311,539,390	960,751,814	24
60,262	155,334,065	5,136,183	260,306,027	315,136,176	580,578,386	25
29,603	72,380,410	26,995,011	91,168,605	168,377,747	286,541,363	26
15,177	44,425,368	29,219,152	442,418,483	144,488,664	616,126,299	27
41,475	106,794,403	21,998,058	307,705,741	317,166,711	646,870,510	28
27,219	56,409,875	2,214,533	67,469,334	99,628,735	169,312,602	29
6,315	10,891,996	804,792	30,328,324	33,801,487	64,934,603	30
31,149	60,073,998	6,961,201	109,213,199	98,412,581	214,586,981	31
7,734	15,641,029	2,153,534	33,028,737	51,956,684	87,138,955	32
8,311	23,888,605	2,318,098	42,018,271	105,073,118	149,409,487	33
4,121	10,555,240	1,858,810	30,115,026	56,439,577	88,413,413	34
527	1,498,119	115,726	4,648,035	5,194,167	9,957,928	35
11,842	18,722,240	1,772,996	79,959,218	46,691,639	128,423,853	36
14,893	24,561,151	2,369,780	94,443,794	64,278,160	161,091,734	37
21,022	41,951,621	6,337,672	250,017,648	74,353,823	330,709,143	38
808	1,791,831	92,766	15,628,483	6,759,017	22,480,266	39
1,541	3,372,082	1,398,087	41,555,660	12,072,897	55,026,644	40
767	1,509,003	256,453	5,128,082	3,683,172	9,067,707	41
5,191	10,645,384	1,721,999	128,513,344	25,089,531	155,324,874	42
1,453	1,891,370	521,425	19,329,411	3,725,929	23,576,765	43
4,903	11,917,625	1,515,218	213,755,757	31,836,800	247,107,775	44
1,148	2,712,299	327,619	8,836,478	9,930,989	19,095,086	45
292	731,936	205,925	1,798,600	1,071,524	3,076,049	46
901	1,863,027	192,723	9,494,027	3,792,368	13,479,118	47
20,522	54,532,037	3,988,161	645,353,830	107,701,364	757,043,355	48
10,854	18,451,058	1,110,302	54,520,295	49,223,151	104,853,748	49
554	1,147,773	109,356	4,006,110	2,985,477	7,100,943	50
3,919	9,535,834	3,219,676	109,713,103	31,939,788	144,872,567	51
						52
8,897	18,829,185	2,699,017	171,031,828	59,308,765	233,039,610	53
						54
167,664	**346,714,443**	**42,051,336**	**2,102,437,260**	**885,322,008**	**3,029,810,604**	55
8,503	19,511,951	363,508	62,681,958	59,383,685	122,429,151	56
1,819	3,116,967	180,982	59,928,221	5,792,169	65,901,372	57
10,322	**22,628,918**	**544,490**	**122,610,179**	**65,175,854**	**188,330,523**	58
21,812	54,262,864	3,349,367	101,773,382	134,061,761	239,184,510	59
21,812	**54,262,864**	**3,349,367**	**101,773,382**	**134,061,761**	**239,184,510**	60

TABLE 11. Establishments, Employees, Salaries and Wages, Fuel and Electricity, Materials, and Values of Products of the Manufacturing Industries, 1950 — Continued

No.	Province, industry and group	Establishments	Employees on salary			Employees on wages		
			Male	Female	Salaries	Male	Female	Wages
		No.	No.	No.	$	No	No.	$
	4. Leather products:							
1	Footwear, leather	292	1,651	745	7,294,411	10,249	8,140	27,415,631
2	Gloves and mittens, leather	76	157	62	608,280	644	1,212	2,184,046
3	Leather tanning	70	383	142	1,999,295	3,529	345	8,345,790
	Other leather industries:							
4	Belting, leather	16	37	19	146,972	114	9	237,803
5	Boot and shoe	25	54	19	260,076	235	100	532,862
6	Miscellaneous leather goods, n.e.s.	268	584	231	2,361,973	2,229	2,100	6,422,538
7	**Totals, leather products**	**747**	**2,866**	**1,218**	**12,671,007**	**17,000**	**11,906**	**45,138,670**
	5. Textile products (except clothing):							
	Cotton goods:							
8	Cotton thread	6	105	61	547,366	174	491	1,086,838
9	Cotton yarn and cloth	51	1,424	846	7,283,076	15,771	8,926	47,936,967
10	Miscellaneous cotton goods	10	48	13	342,083	466	105	1,285,127
	Woollen goods:							
11	Carpets, mats and rugs	21	150	72	845,376	918	516	2,973,348
12	Woollen cloth	85	657	337	3,514,277	4,692	3,473	15,141,349
13	Woollen yarn	49	252	170	1,290,960	1,756	2,057	6,596,358
14	Miscellaneous woollen goods	46	204	100	1,588,744	1,559	444	4,092,021
15	Synthetic textiles and silk	47	2,233	1,100	10,623,124	10,342	4,280	29,488,476
	Other primary textiles:							
16	Dyeing and finishing of textiles	46	261	110	1,325,071	1,870	218	4,156,180
17	Narrow fabrics	42	164	119	962,299	874	901	2,956,234
	Other textile industries:							
18	Automobile accessories, fabric	8	93	52	497,670	280	301	1,183,877
19	Awnings, tents and sails	115	255	86	841,126	558	530	1,596,478
20	Bags, cotton and jute	32	129	77	775,325	357	704	1,560,007
21	Cordage, rope and twine	10	137	55	680,583	739	439	2,349,605
22	Embroideries, pleating, hemstitching, etc.	128	199	81	899,252	482	877	2,015,446
23	Oilcloth, linoleum and other coated fabrics	15	362	173	2,184,116	1,612	204	4,454,036
24	Miscellaneous textiles, n.e.s.	135	432	290	2,338,338	778	1,787	3,764,009
25	**Totals, textile products (except clothing)**	**846**	**7,105**	**3,742**	**36,538,786**	**43,228**	**26,253**	**132,636,356**
	6. Clothing (textile and fur):							
	Men's, women's and children's clothing:							
26	Clothing, children's, factory	154	364	264	1,873,700	837	4,010	6,407,440
27	Clothing, men's, factory	566	2,740	1,663	14,580,702	8,763	19,687	44,720,686
28	Clothing, women's, factory	914	2,571	1,695	14,692,523	6,199	18,516	41,171,599
29	Clothing contractors, men's	131	213	47	644,784	915	2,079	4,261,966
30	Clothing contractors, women's	77	108	28	396,926	225	1,348	1,922,707
	Knitted goods:							
31	Hosiery	121	793	614	4,525,107	3,953	5,969	16,625,237
32	Other knitted goods	172	859	727	4,795,637	3,640	8,700	18,195,545
	Miscellaneous clothing:							
33	Corsets	37	216	353	1,554,755	339	2,311	3,186,802
34	Fur dressing and dyeing	22	120	44	653,615	1,187	282	2,766,881
35	Fur goods	609	1,250	359	4,755,675	2,728	1,992	9,841,027
36	Gloves and mittens, fabric	16	58	37	319,108	110	613	778,411
37	Hats and caps	157	486	272	2,522,922	1,714	2,353	6,737,687
38	Oiled and waterproofed clothing	14	37	20	196,779	155	263	723,194
39	Clothing n.e.s.	61	158	80	785,154	280	874	1,586,778
40	**Totals, clothing (textile and fur)**	**3,051**	**9,973**	**6,203**	**52,297,387**	**31,075**	**68,997**	**158,925,960**
	7. Wood products:							
41	Furniture	1,207	3,164	1,026	12,622,095	21,068	2,001	44,489,649
	Saw and planing mills:							
42	Flooring, hardwood	28	179	55	740,803	1,422	20	2,656,408
43	Sash, door and planing mills	1,590	2,896	593	8,493,540	15,435	204	28,431,090
44	Sawmills	7,551	10,967	671	17,047,761	46,655	429	94,444,318
45	Veneers and plywood	44	399	136	1,873,020	4,909	1,095	12,286,559
	Other wood industries							
46	Beekeepers' and poultry men's supplies	8	16	5	48,286	40	2	64,138
47	Boxes and baskets, wood	178	322	70	1,040,103	2,916	402	5,243,770
48	Coffins and caskets	58	147	56	584,043	961	171	1,892,289
49	Cooperage	168	198	23	332,817	634	12	1,156,527
50	Excelsior	11	21	6	65,125	112	30	210,135
51	Lasts, trees and shoe findings	16	61	29	240,458	302	150	745,458
52	Woodenware	33	59	18	183,493	396	180	867,544
53	Wood turning	81	170	43	511,366	944	125	1,689,242
54	Miscellaneous wood products, n.e.s.	328	666	198	2,360,921	2,963	397	6,004,167
55	**Totals, wood products**	**11,301**	**19,265**	**2,929**	**46,143,831**	**98,757**	**5,218**	**200,181,294**

TABLE 11. Establishments, Employees, Salaries and Wages, Fuel and Electricity, Materials, and Values of Products of the Manufacturing Industries, 1950 — Continued

Total employees	Total salaries and wages	Cost of fuel and electricity	Cost of materials	Net value of products	Gross value of products	No
No.	$	$	$	$	$	
20,785	34,710,042	566,548	59,684,259	50,717,873	110,968,680	1
2,075	2,792,326	48,287	5,381,660	3,991,715	9,421,662	2
4,399	10,345,085	1,090,251	40,923,465	17,079,777	59,093,493	3
179	384,775	23,266	1,159,278	711,754	1,894,298	4
408	792,938	45,224	1,782,762	1,254,936	3,082,922	5
5,144	8,784,511	152,815	12,285,771	13,663,372	26,101,958	6
32,990	**57,809,677**	**1,926,391**	**121,217,195**	**87,419,427**	**210,563,013**	7
831	1,634,204	102,836	5,084,454	5,387,351	10,574,641	8
26,967	55,220,043	4,238,517	157,835,813	95,309,562	257,383,892	9
632	1,627,210	102,322	5,441,006	3,093,536	8,636,864	10
1,656	3,818,724	244,868	7,506,660	7,737,447	15,488,975	11
9,159	18,655,626	1,380,383	39,029,349	28,269,911	68,679,643	12
4,235	7,887,318	540,894	27,022,684	12,814,801	40,378,379	13
2,307	5,680,765	388,734	20,690,734	11,732,880	32,812,348	14
17,955	40,111,600	3,766,267	55,518,508	87,763,220	147,047,995	15
2,459	5,481,251	910,531	2,974,977	8,468,122	12,353,630	16
2,058	3,918,533	167,434	6,462,522	7,073,722	13,703,678	17
726	1,681,547	40,141	3,172,158	3,238,748	6,451,047	18
1,429	2,437,604	92,887	5,072,890	3,576,053	8,741,830	19
1,267	2,335,332	86,989	28,031,736	4,943,812	33,062,539	20
1,370	3,030,188	198,775	10,989,236	6,271,560	17,459,571	21
1,639	2,914,698	32,252	2,337,271	4,932,694	7,302,217	22
2,351	6,638,152	491,618	16,618,156	13,174,074	30,283,848	23
3,287	6,102,347	237,623	18,894,697	11,769,268	30,901,588	24
80,328	**169,175,142**	**13,023,071**	**412,682,853**	**315,556,761**	**741,262,685**	25
5,505	8,281,140	96,239	15,936,291	13,365,856	29,398,386	26
32,853	59,301,388	709,477	122,603,415	103,346,165	226,659,057	27
28,981	55,864,122	504,538	102,712,875	91,419,056	194,636,469	28
3,254	4,906,750	72,635	672,536	5,733,237	6,478,408	29
1,709	2,319,633	31,181	130,601	2,930,908	3,092,690	30
11,329	21,150,344	670,891	20,913,741	36,442,064	58,026,696	31
13,926	22,991,182	983,661	47,804,653	39,410,756	88,199,070	32
3,219	4,741,557	55,745	7,358,186	9,533,613	16,947,544	33
1,633	3,420,496	158,032	1,294,259	5,062,481	6,514,772	34
6,329	14,596,702	195,628	38,309,241	23,425,230	61,930,099	35
818	1,097,519	18,714	2,017,324	1,820,674	3,856,712	36
4,825	9,260,609	231,202	11,379,834	14,471,360	26,082,396	37
475	919,973	8,445	2,149,227	2,047,230	4,204,902	38
1,392	2,371,932	36,151	4,269,989	3,880,993	8,187,133	39
116,248	**211,223,347**	**3,772,539**	**377,552,172**	**352,889,623**	**734,214,334**	40
27,259	57,111,744	1,903,314	79,803,630	90,624,200	172,331,144	41
1,676	3,397,211	168,830	7,640,268	6,553,455	14,362,553	42
19,128	36,924,630	2,100,675	96,907,258	61,711,765	160,719,698	43
58,722	111,492,079	5,401,628	252,321,608	239,225,162	496,948,398	44
6,539	14,159,579	474,154	24,180,290	29,774,688	54,429,132	45
63	112,424	13,760	207,204	307,626	528,590	46
3,710	6,283,873	311,245	9,661,539	9,769,640	19,742,424	47
1,335	2,476,332	103,654	3,415,739	3,834,332	7,353,725	48
867	1,489,344	82,758	3,149,870	1,946,627	5,179,255	49
169	275,260	21,265	306,119	410,909	738,293	50
542	985,916	29,225	703,863	1,438,156	2,171,244	51
653	1,051,037	38,763	1,013,621	1,571,248	2,623,632	52
1,282	2,200,608	115,197	2,453,375	3,444,210	6,012,782	53
4,224	8,365,088	676,512	28,800,619	13,241,492	42,718,623	54
126,169	**246,325,125**	**11,440,980**	**510,565,003**	**463,853,510**	**985,859,493**	55

TABLE 11. Establishments, Employees, Salaries and Wages, Fuel and Electricity, Materials, and Values of Products of the Manufacturing Industries, 1950 — Continued

No.	Province, industry and group	Establishments	Employees on salary			Employees on wages		
			Male	Female	Salaries	Male	Female	Wages
		No.	No.	No.	$	No.	No.	$
	8. Paper products:							
1	Boxes and bags, paper	177	1,341	700	7,202,979	3,323	4,936	21,348,901
2	Pulp and paper	123	6,552	2,026	35,729,300	43,036	729	133,517,231
3	Roofing paper	24	523	242	2,028,550	1,639	105	4,021,142
4	Miscellaneous paper goods	204	1,074	662	5,758,142	4,739	2,390	15,591,193
5	**Totals, paper products**	**528**	**9,490**	**3,630**	**50,718,971**	**55,737**	**8,662**	**174,478,467**
	9. Printing, publishing and allied industries:							
	Commercial printing:							
6	Printing and bookbinding	1,533	3,547	1,597	14,974,732	12,046	5,195	36,477,872
7	Trade composition	45	108	45	538,078	529	15	1,544,879
	Engraving, stereotyping and allied industries:							
8	Engraving, stereotyping and electrotyping	118	567	317	3,430,807	2,751	654	9,996,199
9	Lithographing	67	478	337	2,919,082	2,467	1,063	8,550,472
	Printing and publishing:							
10	Printing and publishing	787	7,783	4,196	30,260,505	12,707	2,057	38,691,484
11	Publishing (only) of periodicals	1,319	2,282	2,384	6,985,527	—	—	—
12	**Totals, printing, publishing and allied industries**	**3,869**	**14,765**	**8,876**	**59,108,731**	**30,500**	**8,984**	**95,260,906**
	10. Iron and steel products:							
13	Agricultural implements	86	2,353	709	9,413,080	13,012	149	33,871,606
14	Boilers and plate work	56	1,125	367	5,134,151	4,637	94	12,770,292
15	Bridge building and structural steel	33	1,465	323	6,968,852	5,608	38	15,393,647
16	Castings, iron	218	1,543	621	7,248,866	15,075	328	40,469,441
17	Hardware, tools and cutlery	291	1,682	831	7,430,812	8,500	1,500	22,410,155
18	Heating and cooking apparatus	103	1,211	449	5,162,126	6,914	206	16,028,365
19	Machinery, household, office and store	62	1,085	541	4,940,578	6,479	961	17,814,207
20	Machinery, industrial	303	4,075	1,599	17,466,303	13,259	456	33,981,135
21	Machine shops	512	1,200	273	3,894,035	4,278	80	9,587,170
22	Machine tools	10	215	98	884,511	1,136	9	3,040,688
23	Primary iron and steel	55	2,676	845	12,868,749	25,213	317	72,543,178
24	Sheet metal products	283	2,515	950	10,882,344	11,800	1,784	31,747,943
25	Wire and wire products	115	1,108	459	5,211,843	5,924	768	16,839,849
26	Miscellaneous iron and steel products	233	880	215	3,449,753	4,324	266	10,764,970
27	**Totals, iron and steel products**	**2,390**	**23,133**	**8,280**	**100,982,103**	**126,159**	**6,956**	**337,262,646**
	11. Transportation equipment:							
28	Aircraft and parts	15	2,735	845	11,447,778	6,764	205	18,727,043
29	Bicycles and parts	9	129	62	604,461	794	105	2,143,603
30	Boat building	229	314	44	616,930	1,096	15	2,022,770
31	Carriages, wagons and sleighs	64	176	55	653,456	919	133	1,995,374
32	Motor vehicles	19	4,175	1,424	22,066,898	23,494	262	72,347,921
33	Motor vehicle parts	151	2,086	890	10,609,312	14,365	2,378	45,482,961
34	Railway rolling stock	38	2,032	246	7,873,770	26,864	115	65,482,889
35	Shipbuilding	76	1,234	322	5,162,610	9,793	105	23,193,582
36	**Totals, transportation equipment**	**601**	**12,881**	**3,888**	**59,040,235**	**84,089**	**3,318**	**231,396,143**
	12. Non-ferrous metal products:							
37	Aluminum products	79	1,035	658	5,420,532	3,390	351	8,569,600
38	Brass and copper products	155	1,138	496	5,548,400	6,746	552	17,344,780
39	Jewellery and silverware	218	677	484	3,582,781	3,438	1,700	10,201,929
40	Non-ferrous metals smelting and refining	17	2,652	482	10,940,723	16,662	67	47,807,639
41	White metal alloys	46	521	216	2,544,138	2,274	546	6,076,209
42	Miscellaneous non-ferrous metal products	19	107	79	580,376	320	89	918,489
43	**Total, non-ferrous metal products**	**536**	**6,130**	**2,415**	**28,616,950**	**32,830**	**3,305**	**90,918,646**
	13. Electrical apparatus and supplies:							
44	Batteries	26	376	202	1,781,147	1,114	482	3,774,295
45	Radios and radio parts	67	1,859	865	7,963,235	2,982	2,793	12,084,529
46	Refrigerators, vacuum cleaners and appliances	95	1,367	654	5,979,338	6,126	1,371	16,864,218
47	Machinery, heavy electrical	49	3,172	1,313	13,655,035	12,844	3,496	43,725,030
48	Miscellaneous electrical apparatus and supplies	145	3,430	1,510	16,092,966	10,000	4,306	33,414,272
49	**Totals, electrical apparatus and supplies**	**382**	**10,204**	**4,544**	**45,471,721**	**33,066**	**12,448**	**109,862,344**

TABLE 11. Establishments, Employees, Salaries and Wages, Fuel and Electricity, Materials, and Values of Products of the Manufacturing Industries, 1950 — Continued

Total employees	Total salaries and wages	Cost of fuel and electricity	Cost of materials	Net value of products	Gross value of products	No
No.	$	$	$	$	$	
13,302	28,551,880	1,002,681	83,841,035	55,813,164	140,656,880	1
52,343	169,246,531	69,111,906	373,882,762	511,142,983	954,137,651	2
2,509	6,049,692	638,961	19,606,931	21,112,822	41,358,714	3
9,365	21,349,335	1,018,599	63,929,898	50,042,383	114,990,880	4
77,519	**225,197,438**	**71,772,147**	**541,260,626**	**638,111,352**	**1,251,144,125**	5
22,385	51,452,604	1,185,713	48,228,108	84,863,318	134,277,139	6
697	2,082,957	31,350	311,228	3,026,165	3,368,743	7
4,289	13,427,006	265,290	4,767,448	19,768,348	24,801,086	8
4,345	11,469,554	206,127	13,747,060	20,625,082	34,578,269	9
26,743	68,951,989	1,714,375	50,628,704	129,018,312	181,361,391	10
4,666	6,985,527	—	17,827,679	16,797,608	34,625,287	11
63,125	**154,369,637**	**3,402,855**	**135,510,227**	**274,098,833**	**413,011,915**	12
16,223	43,284,686	2,020,481	79,123,750	68,356,009	149,500,240	13
6,223	17,904,443	791,745	20,982,184	38,316,036	60,089,965	14
7,434	22,382,499	968,742	36,659,245	44,375,281	82,003,268	15
17,567	47,718,307	3,632,883	60,200,601	78,528,361	142,361,845	16
12,513	29,840,967	1,513,106	28,461,423	59,020,055	88,994,584	17
8,780	21,190,491	1,086,544	30,396,219	41,962,782	73,445,545	18
9,066	22,760,785	849,316	40,270,243	45,288,289	86,408,148	19
19,389	51,447,438	1,985,142	55,504,674	102,901,482	160,391,298	20
5,831	13,481,205	620,638	8,672,544	20,423,450	29,716,632	21
1,458	3,925,299	149,412	2,834,950	5,685,633	8,669,995	22
29,051	85,411,927	26,714,750	159,282,919	154,542,373	340,540,042	23
17,049	42,630,287	2,035,414	92,352,260	77,559,028	171,946,702	24
8,259	22,051,692	1,389,733	29,349,168	55,867,936	86,606,837	25
5,685	14,214,723	1,233,802	18,242,012	24,233,563	43,709,377	26
164,528	**438,244,749**	**44,992,008**	**662,332,192**	**817,060,278**	**1,524,384,478**	27
10,549	30,174,821	1,209,143	18,149,951	35,815,827	55,174,921	28
1,090	2,748,084	141,702	3,968,822	4,175,674	8,286,198	29
1,469	2,639,700	105,566	2,119,112	3,404,180	5,628,858	30
1,283	2,653,830	109,213	4,394,644	5,616,258	10,120,115	31
29,355	94,414,819	2,585,739	388,496,630	284,785,098	675,867,467	32
19,719	56,092,273	2,933,965	122,088,705	101,516,705	226,539,375	33
29,257	73,356,659	4,156,966	110,373,110	79,756,161	194,286,237	34
11,454	28,356,192	1,332,569	25,242,491	37,101,496	63,676,556	35
104,176	**290,436,378**	**12,574,863**	**674,833,465**	**552,171,399**	**1,239,579,727**	36
5,434	13,990,132	1,088,172	29,005,550	25,278,370	55,372,092	37
8,932	22,893,180	1,808,704	82,380,983	42,010,862	126,200,549	38
6,299	13,784,710	320,294	30,210,609	22,779,637	53,310,540	39
19,863	58,748,362	38,473,238	428,697,787	202,711,781	669,882,806	40
3,557	8,620,347	792,080	35,161,532	16,146,778	52,100,390	41
595	1,498,865	38,148	1,235,327	2,611,962	3,885,437	42
44,680	**119,535,596**	**42,520,636**	**606,691,788**	**311,539,390**	**960,751,814**	43
2,174	5,555,442	340,595	21,202,084	13,014,927	34,557,606	44
8,499	20,047,764	458,050	31,257,857	34,881,499	66,597,406	45
9,518	22,843,556	888,578	59,570,593	60,470,530	120,929,701	46
20,825	57,380,065	1,689,741	73,966,855	112,101,686	187,758,282	47
19,246	49,507,238	1,759,219	74,308,638	94,667,534	170,735,391	48
60,262	**155,334,065**	**5,136,183**	**260,306,027**	**315,136,176**	**580,578,386**	49

TABLE 11. Establishments, Employees, Salaries and Wages, Fuel and Electricity, Materials, and Values of Products of the Manufacturing Industries, 1950 — Concluded

No.	Province, industry and group	Establishments	Employees on salary			Employees on wages		
			Male	Female	Salaries	Male	Female	Wages
		No.	No.	No.	$	No.	No.	$
	14. Non-metallic mineral products:							
1	Abrasives, artificial	19	367	214	1,855,062	1,883	139	5,504,289
2	Asbestos products	15	225	76	917,256	1,191	164	2,972,993
3	Cement	8	109	15	445,415	1,665	4	4,851,172
4	Cement products	431	787	138	2,444,080	3,582	29	7,542,580
5	Clay products from domestic clay	134	270	75	1,132,714	3,363	85	7,904,935
6	Clay products from imported clay	38	206	78	973,429	1,450	475	4,346,064
7	Glass and glass products	106	726	329	2,960,797	4,569	820	12,671,617
8	Gypsum products	10	208	76	945,085	842	32	1,879,797
9	Lime	43	89	18	319,873	1,040	3	2,509,638
10	Salt	13	119	42	482,941	487	43	1,193,404
11	Sand-lime brick	5	13	1	48,000	158	3	386,761
12	Stone products	165	432	101	1,428,633	1,870	26	4,302,184
13	Miscellaneous non-metallic mineral products	58	212	78	907,736	599	77	1,453,955
14	**Totals, non-metallic mineral products**	**1,045**	**3,763**	**1,241**	**14,861,021**	**22,699**	**1,900**	**57,519,389**
	15. Products of petroleum and coal:							
15	Coke and gas products	30	943	334	3,700,471	3,833	11	10,167,301
16	Petroleum products	46	2,694	774	11,768,448	6,514	74	18,789,148
17	**Totals, products of petroleum and coal**	**76**	**3,637**	**1,108**	**15,468,919**	**10,347**	**85**	**28,956,449**
	16. Chemicals and allied products:							
18	Acids alkalies and salts	28	1,136	341	5,295,689	4,496	47	12,743,803
19	Fertilizers	36	712	198	3,005,055	2,319	24	6,417,516
20	Medicinal and pharmaceutical preparations	210	1,550	1,373	8,623,007	2,294	2,307	8,014,738
21	Paints, varnishes and lacquers	109	1,669	821	6,630,407	3,045	394	7,938,613
22	Primary plastics	14	346	138	1,555,823	862	46	2,409,247
23	Soaps, washing compounds and cleaning preparations	142	1,025	539	4,754,522	1,738	433	5,585,211
24	Toilet preparations	98	299	332	1,692,106	412	819	1,731,829
25	Vegetable oils	15	203	64	852,006	522	3	1,303,079
	Other chemical industries:							
26	Adhesives	28	139	74	631,275	420	36	1,091,740
27	Coal tar distillation	11	80	28	331,842	349	—	942,553
28	Gases, compressed	50	318	243	1,444,267	678	1	1,795,331
29	Inks	30	171	97	959,179	484	44	1,270,972
30	Polishes and dressings	54	201	142	922,019	266	173	792,595
31	Miscellaneous chemical products n.e.s.	208	1,640	733	7,648,831	3,845	806	10,411,148
32	**Totals, chemicals and allied products**	**1,033**	**9,489**	**5,123**	**44,346,028**	**21,730**	**5,133**	**62,448,375**
	17. Miscellaneous industries:							
33	Brooms, brushes and mops	90	357	226	1,558,003	1,239	604	2,898,792
34	Fountain pens and pencils	18	147	137	909,222	341	508	1,512,138
35	Musical instruments	27	165	94	617,019	943	120	2,101,248
36	Plastics products	98	396	173	1,829,688	1,250	1,376	4,221,927
37	Scientific and professional equipment	97	838	436	4,215,884	2,074	1,462	7,626,736
38	Sporting goods	70	317	136	1,392,281	890	554	2,582,307
39	Toys and games	56	131	66	637,141	632	795	2,395,517
40	Typewriter supplies	7	73	41	387,628	211	102	524,046
	Other miscellaneous industries:							
41	Artificial flowers and feathers	38	67	44	323,031	196	402	652,856
42	Buttons, buckles and fasteners	38	160	116	948,356	599	823	2,581,537
43	Candles	13	30	30	161,819	104	64	265,825
44	Hair goods	19	30	12	95,325	90	16	199,216
45	Ice, artificial	65	146	49	512,929	593	6	1,251,527
46	Lamps, electric and lamp shades	49	123	87	674,754	492	457	1,456,883
47	Models and patterns	57	79	9	270,994	198	3	511,384
48	Pipes, lighters and smokers' supplies	14	78	17	254,685	123	138	482,241
49	Signs, electric, neon and other	64	265	89	1,211,962	1,133	82	2,662,814
50	Stamps and stencils, rubber and metal	47	115	49	499,755	360	66	838,324
51	Statuary, art goods and novelties	107	159	63	514,193	402	308	1,037,712
52	Umbrellas	6	27	12	134,228	29	107	162,757
53	Miscellaneous industries, n.e.s.	27	126	118	697,261	763	731	2,597,930
54	**Totals, miscellaneous industries**	**1,007**	**3,829**	**2,004**	**17,846,158**	**12,662**	**8,724**	**38,563,717**
55	**Grand totals, all industries**[1]	**35,942**	**164,475**	**66,578**	**692,633,349**	**736,477**	**215,767**	**2,078,634,086**

1. Exclusive of fish processing in Newfoundland.

TABLE 11. Establishments, Employees, Salaries and Wages, Fuel and Electricity, Materials, and Values of Products of the Manufacturing Industries, 1950 — Concluded

Total employees	Total salaries and wages	Cost of fuel and electricity	Cost of materials	Net value of products	Gross value of products	No
No.	$	$	$	$	$	
2,603	7,359,351	2,329,029	12,541,899	17,905,645	32,836,573	1
1,656	3,890,249	518,886	6,904,017	6,396,016	13,818,919	2
1,793	5,296,587	8,605,095	6,504,314	23,091,104	38,200,513	3
4,536	9,986,660	1,373,270	17,884,702	21,939,410	41,197,382	4
3,793	9,037,649	3,978,525	676,729	17,135,634	21,790,888	5
2,209	5,319,493	764,460	3,670,791	10,660,273	15,095,524	6
6,444	15,632,414	3,205,790	19,198,095	27,255,248	49,659,133	7
1,158	2,824,882	673,083	7,974,202	9,232,223	17,875,508	8
1,150	2,829,511	3,263,360	789,328	8,774,233	12,825,921	9
691	1,676,345	837,453	1,343,157	5,919,503	8,100,113	10
175	434,761	90,631	336,535	1,126,303	1,553,469	11
2,429	5,730,817	862,626	6,589,627	12,437,492	19,889,745	12
966	2,361,691	492,803	6,755,209	6,444,663	13,692,675	13
29,603	**72,380,410**	**26,995,011**	**91,168,605**	**168,377,747**	**286,541,363**	14
5,121	13,867,772	9,430,259	58,052,102	37,117,546	104,609,907	15
10,056	30,557,596	19,788,893	384,356,381	107,371,118	511,516,392	16
15,177	**44,425,368**	**29,219,152**	**442,418,483**	**144,488,664**	**616,126,299**	17
6,020	18,039,492	8,639,420	30,327,614	48,527,331	87,494,365	18
3,253	9,422,571	1,996,118	33,349,706	33,650,995	68,996,819	19
7,524	16,637,745	652,909	24,621,090	51,098,692	76,372,691	20
5,929	14,569,020	682,488	49,870,382	42,446,323	92,999,193	21
1,392	3,965,070	603,388	14,000,584	16,124,381	30,728,353	22
3,735	10,339,733	1,093,198	34,749,803	30,205,104	66,048,105	23
1,862	3,423,935	90,071	7,679,500	13,181,259	20,950,830	24
792	2,155,085	524,066	40,213,298	6,289,183	47,026,547	25
669	1,723,015	364,849	5,086,086	4,228,461	9,679,396	26
457	1,274,395	633,181	6,057,087	3,342,970	10,033,238	27
1,240	3,239,598	493,054	1,873,977	10,370,288	12,737,319	28
796	2,230,151	79,948	4,570,554	5,567,213	10,217,715	29
782	1,714,614	75,556	6,325,223	6,976,614	13,377,393	30
7,024	18,059,979	6,069,812	48,980,837	45,157,897	100,208,546	31
41,475	**106,794,403**	**21,998,058**	**307,705,741**	**317,166,711**	**646,870,510**	32
2,426	4,456,795	124,100	7,352,157	8,745,877	16,222,134	33
1,133	2,421,360	51,220	3,435,080	5,385,851	8,872,151	34
1,322	2,718,267	111,148	3,172,241	4,200,680	7,484,069	35
3,195	6,051,615	265,073	10,948,140	11,828,581	23,041,794	36
4,810	11,842,620	297,097	13,378,949	17,980,249	31,656,295	37
1,897	3,974,588	119,213	3,786,214	5,476,090	9,381,517	38
1,624	3,032,658	90,619	4,371,643	4,983,448	9,445,710	39
427	911,674	31,322	2,174,991	1,998,895	4,205,208	40
709	975,887	12,195	960,508	1,688,243	2,660,946	41
1,698	3,529,893	80,849	3,455,976	6,239,707	9,776,532	42
228	427,644	26,076	853,846	1,172,015	2,051,937	43
148	294,541	6,105	901,165	502,378	1,409,648	44
794	1,764,456	520,718	157,450	3,690,541	4,368,709	45
1,159	2,131,637	63,292	3,443,998	3,551,928	7,059,218	46
289	782,378	22,193	244,078	1,093,310	1,359,581	47
356	736,926	22,010	1,039,719	1,987,564	3,049,293	48
1,569	3,874,776	171,021	2,801,486	7,531,833	10,504,340	49
590	1,338,079	26,748	607,627	1,965,052	2,599,427	50
932	1,551,905	39,197	1,377,353	2,415,993	3,832,543	51
175	296,985	3,378	627,489	517,430	1,148,297	52
1,738	3,295,191	130,959	2,379,224	6,673,070	9,183,253	53
27,219	**56,409,875**	**2,214,533**	**67,469,334**	**99,628,735**	**169,312,602**	54
1,183,297	**2,771,267,435**	**336,933,620**	**7,538,534,532**	**5,942,058,229**	**13,817,526,381**	55

Table 12 gives the amount and value of each of the principal commodities produced by the manufacturing industries of Canada. Commodities produced in small quantities are not included but the list covers approximately 75 p.c. of total production. For a complete list of products, see Appendix II of this report.

TABLE 12. Quantities and Values of the Principal Commodities Produced by the Manufacturing Industries of Canada, Grouped by Purpose, 1950

—	Unit of Measure	Quantity	Value
			$
Food:			
Biscuits, all kinds	lb.	206,382,392	61,170,160
Bread, pies, cakes, etc.,	—	—	185,329,813
Butter, factory made	lb.	263,664,755	145,411,443
Cheese, factory made	"	146,471,572	46,780,865
Confectionery, all kinds	—	—	78,509,424
Cream, sold in dairy factories	lb. b. fat	24,825,094	26,026,026
Feed, chopped, grain	ton	477,716	30,007,328
Fish, canned and otherwise prepared[1]	—	—	61,703,412
Flour, wheat	bbl.	20,332,969	187,511,836
Feeds, stock and poultry	ton	1,744,639	138,285,733
Fruits and vegetables, canned	lb.	493,753,989	57,838,390
Fruits and vegetables, frozen	"	33,296,901	5,909,425
Ice cream, factory made	gal	22,717,126	34,611,112
Jams, jellies and marmalades	lb.	102,171,567	17,170,686
Lard	"	82,097,340	14,679,936
Meats, canned incl. poultry, pastes, etc.	"	65,264,673	29,011,583
Meats, cooked	"	36,019,767	20,577,003
Meats, cured	"	266,229,659	119,754,753
Meats, sold fresh	"	1,005,522,570	393,058,571
Meats, sold frozen	"	68,691,977	23,138,911
Milk, sold in dairy factories	gal.	144,339,392	95,677,042
Milk, evaporated and condensed	lb.	288,099,630	32,273,514
Pickles, sauces and catsup	—	—	13,614,810
Powders, edible, (custard, jelly, milk, etc.)	—	122,006,753	26,631,827
Sausage, fresh and cured	lb.	75,825,160	29,878,321
Shortening	"	131,067,124	36,423,850
Sugar, granulated (cane and beet)	lb.	1,323,009,691	121,554,207
Tea and coffee, roasted, blended and packed	"	111,800,632	95,592,294
Drink and Tobacco[2]:			
Aerated waters	gal.	102,709,068	74,115,406
Beer, ale, stout and porter (sales)	gal.	171,055,633	238,703,555
Cigarettes	M.	17,311,062	266,521,398
Cigars	M.	198,987	14,467,354
Spirits, potable, sold (Net Sales)	pr. gal.	18,209,143	80,881,991
Tobacco, chewing, smoking and snuff	lb.	29,504,906	55,913,509
Tobacco, raw leaf, processed	"	125,368,981	65,907,261
Wine, sold	imp. gal.	4,458,837	9,870,234
Clothing:			
Coats and overcoats, men's, youth's and women's, cloth	No.	2,393,421	57,402,434
Coats, fur and fur-lined	"	205,142	48,124,664
Dresses, women's and misses'	"	16,319,973	73,661,353
Footwear, leather	—	—	103,059,694
Footwear, rubber	pr.	15,171,491	32,722,687
Gloves & mittens, all kinds	doz. pr.	1,895,468	15,628,554
Hats & caps, men's and boys'	doz.	586,250	9,770,023
Hats, women's and children's	"	460,769	12,826,972
Hosiery, all kinds	doz. pr.	9,335,010	62,489,946
Shirts, fine, work and sport	doz.	1,712,119	42,597,676
Sport suits, slacks and other sport clothing n.e.s.	—	—	11,380,866
Suits, men's and youths', fine, woollen	No.	1,641,619	52,814,646
Underwear	doz.	4,229,006	33,365,735
Short coats (including windbreakers, mackinaws, parkas, leather coats, etc.)	"	247,272	20,298,148
Personal Utilities:			
Bags, hand and hand luggage	—	—	13,400,862
Jewellery	—	—	16,398,767
Pianos, organs and parts	—	—	4,573,777
Plated ware, all kinds	—	—	15,454,448
Radio sets and accessories	—	—	47,349,521
Soap	—	—	39,664,238
Sporting goods	—	—	10,305,379
Toilet preparations and perfumes	—	—	20,080,509
Toys and games	—	—	14,352,935
House Furnishings:			
Blankets, all kinds	—	—	13,639,280
Brooms and household brushes	—	—	11,226,406
Carpets, mats and rugs	—	—	14,904,446
Furniture, household, incl. beds and couches	—	—	89,988,100
Kitchenware	—	—	12,121,733
Mattresses	—	—	16,140,184
Mops, floor and dust	doz.	245,536	1,859,358
Springs, bed and other furniture	—	—	13,767,933
Stoves, coal, wood, electric and gas	—	—	42,985,349
Books and Stationery:			
Advertising matter, printed	—	—	31,877,381
Books and catalogues, printed	—	—	23,038,373
Circular letters, bank notes, etc. printed	—	—	22,981,974
Periodicals, printed for publishers	—	—	20,509,030
Periodicals, printed by publishers:			
Subscriptions and sales	—	—	55,526,412
Gross revenue from advertising	—	—	127,491,383
Sheet forms, commercial, printed	—	—	31,969,550

TABLE 12. Quantities and Values of the Principal Commodities Produced by the Manufacturing Industries of Canada, Grouped by Purpose, 1950 – Concluded

–	Unit of Measure	Quantity	Value
			$
Transportation Equipment:			
Aircraft, including parts and repairs	–	–	34,443,711
Automobiles, commercial	No.	105,258	151,285,051
Automobiles, passenger	"	284,076	447,029,182
Automobile parts and accessories, incl. tires, etc.	–	–	393,043,000
Buses	No.	764	12,852,770
Railway locomotives, and parts	–	–	31,054,879
Ships and ship repairs	–	–	69,723,186
Miscellaneous, incl. bicycles, boats, canoes, etc.	–	–	8,471,116
Miscellaneous:			
Abrasives, artificial (crude selicon carbide & fused alumina)	ton	171,684	18,513,609
Bags, cotton and jute	No.	114,502,864	29,252,868
Bags, paper	–	–	30,880,998
Bars, Iron and steel, hot rolled, sold	ton	552,006	56,694,325
Batteries, electric and parts	–	–	31,047,494
Blooms, billets, slabs and sheet bars, sold	net ton	362,905	25,304,261
Boilers, heating and power	–	–	14,915,498
Boxes, paper	–	–	105,964,836
Boxes, wooden	–	–	12,302,272
Calcium and sodium compounds	–	–	34,576,856
Cans, metal, for food, etc.	–	–	53,784,846
Castings, grey iron (made for sale)	ton	271,063	44,054,509
Coke, gas-house	"	3,964,676	56,984,021
Cotton fabrics	–	–	149,819,530
Enamels, lacquers and varnishes	–	–	42,449,196
Explosives	lb.	129,985,358	16,970,844
Farm implements and parts	–	–	141,674,000
Forgings, steel and other	–	–	14,906,889
Gas, sold	M cu.ft.	25,574,110	28,044,761
Gases, compressed and liquified	–	–	19,148,000
Gasoline	imp. gal.	1,600,095,904	269,252,387
Glass, pressed and blown	–	–	32,143,748
Hardware, builders' and other	–	–	31,069,225
Leather, shoe	lb.	89,420,972	42,923,051
Lumber, rough and planed	–	–	515,505,765
Machinery, industrial, household and business, and parts	–	–	439,146,345
Medicines and pharmaceuticals	–	–	68,254,712
Oil, fuel	imp. gal.	1,541,584,320	141,029,797
Paints, mixed, ready for use	" "	10,125,933	35,573,848
Paper, newsprint, wrapping and book	–	–	561,956,976
Paper boards	–	–	104,231,690
Pipes and fittings, iron and steel	–	–	29,071,514
Plastics, primary	–	–	26,663,527
Pulp, wood, made for sale	s. ton	2,251,574	243,919,947
Refrigerators, electric	–	–	75,345,814
Rolled iron and steel forms, semi-finished (sold)	ton	362,905	25,304,261
Sash, doors and other millwork	–	–	57,452,725
Scientific and professional equipment	–	–	31,656,295
Sheets, hoops, bands, strips etc., iron and steel	–	–	86,253,049
Synthetic yarn fabrics, continuous filament, incl. mixtures	yd.	87,398,775	60,354,203
Smelter and refinery products	–	–	669,882,806
Spun rayon fabrics and mixtures	yd.	31,443,132	26,692,725
Steel ingots and castings (sold)	n. ton	313,780	38,652,613
Steel shapes erected, bridge, etc.	–	–	45,612,839
Steel shapes, structural, made in primary mills	n. ton	122,943	10,515,280
Tire fabrics	lb.	28,875,041	20,992,318
Tools, hand, all kinds	–	–	25,213,634
Twine and rope	–	–	20,567,968
Wires and cables, electrical	–	–	90,858,301
Wire, wire rope and cable, steel	–	–	29,296,008
Woollen cloth, woven and other	yd.	22,735,507	57,393,332
Yarn, cotton, artificial silk, wool, etc., made for sale	lb.	115,298,782	125,888,264

1. Exclusive of Newfoundland.
2. Includes excise taxes on tobacco products and prime cost of spirits.

Subsection 2. Manufactures Classified on the Chief Component Material Classification Basis

For the most purposes a classification of manufacturing industries based upon "chief component materials" has, in the past, proved most useful in Canadian industrial classification. For this reason the Bureau's classification based upon this concept has been the one most widely used for general purposes such as the Decennial Census, Vital Statistics, Foreign Trade, etc. Even for these purposes some modification has been deemed expedient, such as the inclusion of a group "Textile Products", composed partly of animal and partly of vegetable products.

When the industry of a country is primarily concerned with the early stages in the processing of primary materials, i.e., when its final products are chiefly such items as pig iron, lumber and processed fish, a classification based upon chief component material is wholly applicable. As manufacturing industry develops, however, turning out more and more goods for final consumption, the combination of ingredients in such output becomes more and more complex. The modern automotive, aircraft, shipbuilding, and electrical apparatus industries are examples in which a wide variety of materials must be assembled for the completion of the final product.

In recent years Canada's industrial system has undergone considerable development. Consequently in establishing the Standard Industrial Classification, the concept of "purpose" has been combined with that of "chief component material" in the framework of the classification of manufacturing industries. For the classification of consumers' goods industries the concept of "purpose" seems most applicable both in terms of common usage in referring to industries and in providing the type of data most often required. Hence, such major groups as Foods and Beverages, Clothing, Transportation Equipment, Electrical Apparatus and Supplies, have been established.

TABLE 13. Principal Statistics of the Manufacturing Industries, Classified on the Chief Component Material Classification Basis, by Main Groups, Significant Years, 1917-1950

	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
	No.	No.	$	$	$	$
1917						
Vegetable products	4,151	62,791	45,916,557	367,214,061	183,782,501	550,996,562
Animal products	5,486	46,994	35,753,133	320,302,039	124,103,990	444,406,029
Textiles and textile products	1,033	76,315	47,386,592	131,071,158	109,227,157	240,298,315
Wood and paper products	7,258	153,701	115,198,434	150,122,143	249,201,596	399,323,739
Iron and its products	1,495	161,745	161,875,426	378,193,116	371,792,489	749,985,605
Non-ferrous metal products	296	18,220	15,898,890	46,445,469	41,039,351	87,484,820
Non-metallic mineral products	1,075	20,781	18,224,724	36,994,392	58,092,396	95,086,788
Chemicals and allied products	539	56,153	51,505,484	99,068,092	131,381,995	230,450,087
Miscellaneous industries	512	9,823	6,042,604	10,268,341	12,510,505	22,778,846
Totals, 1917	**21,845**	**606,523**	**497,801,844**	**1,539,678,811**	**1,281,131,980**	**2,820,810,791**
1920						
Vegetable products	4,549	74,241	77,750,189	536,826,044	239,328,371	776,156,415
Animal products	4,823	48,687	54,291,606	400,496,354	152,995,130	553,491,484
Textiles and textile products	1,304	87,730	84,433,609	256,233,300	173,741,035	429,974,335
Wood and paper products	7,881	144,391	172,368,578	309,813,724	417,256,115	727,069,839
Iron and its products	1,789	164,087	231,595,911	377,499,134	411,875,057	789,374,191
Non-ferrous metal products	324	23,162	27,895,343	46,434,120	52,847,178	101,281,298
Non-metallic mineral products	846	25,500	32,351,764	69,856,558	80,205,472	150,062,030
Chemicals and allied products	464	17,653	22,193,421	62,644,608	65,183,212	127,827,820
Miscellaneous industries	552	13,442	14,613,455	23,465,807	27,841,778	51,307,585
Totals, 1920	**22,532**	**598,893**	**717,493,876**	**2,085,271,649**	**1,621,273,348**	**3,706,544,997**
1929						
Vegetable products	5,350	91,032	95,853,121	431,595,751	341,688,938	783,706,883
Animal products	4,490	67,670	62,081,423	345,351,882	127,929,857	477,761,855
Textiles and textile products	1,534	103,881	94,969,433	217,954,088	180,469,064	403,205,809
Wood and paper products	7,392	164,572	192,088,948	313,797,201	381,485,477	724,972,308
Iron and its products	1,224	142,772	203,740,658	405,818,468	367,465,582	790,726,338
Non-ferrous metal products	408	39,867	54,501,806	124,900,632	150,415,215	283,545,666
Non-metallic mineral products	843	29,257	38,958,390	112,573,103	99,065,847	229,774,300
Chemicals and allied products	554	16,694	22,639,449	55,184,337	78,785,911	138,545,221
Miscellaneous industries	421	10,786	12,457,989	22,495,351	28,081,046	51,207,736
Totals, 1929	**22,216**	**666,531**	**777,291,217**	**2,029,670,813**	**1,755,386,937**	**3,883,446,116**
1933						
Vegetable products	5,916	75,416	68,535,349	226,879,373	196,820,952	432,315,617
Animal products	4,496	53,111	46,453,188	179,429,948	87,629,444	271,068,210
Textiles and textile products	1,740	95,707	72,813,424	143,184,861	131,065,992	279,475,267
Wood and paper products	7,891	105,080	102,218,652	134,663,641	184,233,540	341,336,701
Iron and its products	1,334	73,348	72,296,179	98,793,191	109,198,169	216,828,992
Non-ferrous metal products	478	25,273	28,099,026	71,990,608	88,427,984	164,765,604
Non-metallic mineral products	770	16,975	19,282,401	69,077,701	52,817,078	131,325,706
Chemicals and allied products	696	15,397	18,738,629	34,271,854	55,394,284	92,820,761
Miscellaneous industries	459	8,351	7,810,976	9,497,751	14,083,738	24,138,927
Totals, 1933	**23,780**	**468,658**	**436,247,824**	**967,788,928**	**919,671,181**	**1,954,075,785**
1939						
Vegetable products	5,872	99,447	104,248,785	356,726,153	292,129,840	659,624,014
Animal products	4,362	69,358	68,231,871	333,647,306	122,821,410	461,983,262
Textiles and textile products	1,930	121,022	107,117,035	203,618,197	181,927,898	392,657,759
Wood and paper products	8,538	144,782	165,287,455	246,292,820	303,662,441	579,892,183
Iron and its products	1,394	121,041	158,559,728	262,292,781	275,774,796	553,468,880
Non-ferrous metal products	526	44,563	59,684,858	242,063,177	155,808,806	416,060,459
Non-metallic mineral products	809	23,026	30,067,934	107,979,292	85,511,631	208,166,781
Chemicals and allied products	808	22,595	31,567,558	65,230,839	89,046,832	159,536,984
Miscellaneous industries	566	12,280	13,045,929	18,308,810	24,368,247	43,393,206
Totals, 1939	**24,805**	**658,114**	**737,811,153**	**1,836,159,375**	**1,531,051,901**	**3,474,783,528**
1944						
Vegetable products	5,941	130,679	183,943,948	763,606,750	485,551,491	1,270,518,297
Animal products	4,388	94,195	129,215,389	835,585,247	246,064,720	1,092,015,647
Textiles and textile products	2,481	153,122	195,805,681	419,988,642	351,186,488	781,771,688
Wood and paper products	10,452	189,674	284,436,559	497,656,158	550,826,986	1,093,725,822
Iron and its products	2,192	411,944	818,452,454	1,104,083,922	1,390,703,087	2,540,992,974
Non-ferrous metal products	635	104,314	182,909,292	549,317,062	399,498,519	992,345,975
Non-metallic mineral products	748	31,590	56,130,338	234,714,319	152,525,053	416,268,879
Chemicals and allied products	981	81,822	137,422,977	360,412,749	355,260,598	733,569,232
Miscellaneous industries	665	25,542	41,304,732	66,967,507	84,159,068	152,484,005
Totals, 1944	**28,483**	**1,222,882**	**2,029,621,370**	**4,832,333,356**	**4,015,776,010**	**9,073,692,519**
1949						
Vegetable products	5,903	143,032	285,536,723	1,236,409,496	754,329,727	2,020,565,833
Animal products	4,231	102,657	197,189,519	1,158,872,220	369,545,771	1,543,930,584
Textiles and textile products	3,234	186,328	342,930,642	669,108,586	606,402,697	1,290,314,474
Wood and paper products	15,866	262,835	579,896,808	1,061,229,176	1,184,539,519	2,325,304,849
Iron and its products	2,658	265,474	678,924,105	1,197,956,715	1,219,303,992	2,468,376,349
Non-ferrous metal products	897	100,614	251,869,627	749,678,627	558,467,028	1,353,329,383
Non-metallic mineral products	1,097	42,691	104,377,854	469,437,193	261,691,705	780,188,518
Chemicals and allied products	1,022	40,499	98,568,559	238,377,149	279,038,860	536,156,674
Miscellaneous industries	884	27,077	52,596,820	62,161,902	97,247,135	161,426,636
Totals, 1949	**35,792**	**1,171,207**	**2,591,890,657**	**6,843,231,064**	**5,330,566,434**	**12,479,593,300**

TABLE 13. Principal Statistics of the Manufacturing Industries, Classified on the Chief Component Material Classification Basis, by Main Groups, Significant Years, 1917-1950 — Concluded

	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
	No.	No.	$	$	$	$
1950						
Vegetable products	5,801	142,895	301,287,533	1,313,008,571	834,723,002	2,145,040,040
Animal products	4,141	98,795	200,595,193	1,210,657,408	372,535,320	1,599,723,637
Textiles and textile products	3,265	188,614	362,381,291	750,031,525	629,958,373	1,407,032,148
Wood and paper products	15,991	269,565	631,185,730	1,193,849,612	1,385,084,133	2,665,764,506
Iron and its products	2,698	265,952	723,387,597	1,330,651,901	1,360,211,239	2,746,215,232
Non-ferrous metal products	918	104,942	274,869,661	866,997,315	926,675,566	1,541,330,200
Non-metallic mineral products	1,121	44,730	116,805,778	533,587,088	312,866,411	902,667,662
Chemicals and allied products	1,018	40,683	104,639,318	267,492,443	310,877,528	599,843,963
Miscellaneous industries	988	27,071	56,115,334	66,568,169	99,120,357	167,902,954
Totals, 1950	**35,942**	**1,183,297**	**2,771,267,435**	**7,538,534,532**	**5,942,058,229**	**13,817,526,381**

Subsection 3. Manufactures Classified by Origin of Materials

The distinction made between farm materials of Canadian and foreign origin is based on whether the materials are indigenous to Canada rather than on their actual source. Thus, the industries included in the foreign origin classes are those depending upon materials that cannot be grown in Canada, such as tea, coffee, spices, cane sugar, rice, rubber, cotton, etc. Industries included in the Canadian origin classes may, however, be using large quantities of imported materials.

The mineral origin group includes, in addition to non-ferrous metals so largely produced in Canada, the manufactures of iron and steel, of petroleum, and of other mineral substances, the raw materials for which are very largely imported. Products of mineral origin, with the exception of fuels, are nearly all durable goods. A high standard of living and advanced industrial organization is usually indicated by a relatively large production and consumption of mineral products. During periods of depression when the production of capital goods is curtailed, employment in the industries of the farm group, which produce mainly consumer goods, exceeds that of the mineral group. The industries of the mineral group in 1943, at the maximum of the war effort, had by far the greatest capital investment, employed the largest number of persons, and paid out the highest amount in salaries and wages. In 1943 the average capital per employee amounted to $5,441 for the mineral group as compared with $4,417 for the farm origin group. The mineral group also pays the highest wages. In 1950 the average salary and wage was $2,679 for the mineral group and $2,051 for the farm origin group.

TABLE 14. Principal Statistics of the Manufacturing Industries, Classified According to Origin of Material Used, by Main Groups, Significant Years 1924-50

Year and origin	Establishments	Capital	Employees	Salaries and wages	Cost of materials	Gross value of products
	No.	$	No.	$	$	$
1924						
Farm origin	8,663	772,791,471	152,488	153,213,763	716,047,892	1,099,279,665
Mineral origin	2,806	1,010,517,944	136,837	171,068,497	349,800,585	700,002,097
Forest origin	6,873	876,149,932	126,907	147,719,245	245,183,429	544,282,597
Marine origin	836	20,304,785	11,157	3,344,348	16,089,332	26,537,962
Wild life origin	226	10,837,249	2,944	3,194,213	7,506,169	13,386,266
Mixed origin	1,305	204,716,127	57,277	55,927,609	101,563,384	200,718,177
Grand totals, 1924	**20,709**	**2,895,317,508**	**487,610**	**534,467,675**	**1,436,190,791**[1]	**2,584,306,764**[1]
Farm origin group:						
From field crops	4,595	525,717,571	89,436	87,789,237	433,443,376	691,513,259
From animal husbandry	4,068	247,073,900	63,052	65,424,526	282,604,516	407,766,406
Totals, farm origin	**8,663**	**772,791,471**	**152,488**	**153,213,763**	**716,047,892**	**1,099,279,665**
Canadian origin	8,379	546,231,949	114,514	119,217,657	553,357,883	848,236,237
Foreign origin	284	226,559,522	37,974	33,996,106	162,690,009	251,043,428
1929						
Farm origin	9,041	969,384,866	181,682	188,306,755	852,606,083	1,396,769,569
Mineral origin	3,219	1,550,662,908	218,879	304,027,803	678,683,203	1,392,499,868
Forest origin	7,353	1,148,558,242	163,863	191,044,307	313,088,964	722,269,066
Marine origin	730	28,644,442	16,367	5,411,855	21,496,859	34,966,260
Wild life origin	234	14,338,686	3,767	4,783,323	12,847,817	20,861,039
Mixed origin	1,639	293,302,865	81,973	83,717,174	150,947,887	316,080,314
Grand totals, 1929	**22,216**	**4,004,892,009**	**666,531**	**777,291,217**	**2,029,670,813**	**3,883,446,116**
Farm origin group:						
From field crops	5,191	697,206,103	114,236	115,201,292	496,842,580	889,075,246
From animal husbandry	3,850	272,178,703	67,446	73,105,463	355,763,503	507,694,323
Totals, farm origin	**9,041**	**969,384,866**	**181,682**	**188,306,755**	**852,606,083**	**1,396,769,569**
Canadian origin	8,743	708,461,549	134,680	140,340,993	682,056,026	1,106,006,184
Foreign origin	298	260,923,317	47,002	47,965,762	170,550,057	290,763,385

TABLE 14. Principal Statistics of the Manufacturing Industries, Classified According to Origin of Material Used, by Main Groups, Significant Years 1924-50 — Continued

Year and origin	Establishments	Capital	Employees	Salaries and wages	Cost of materials	Gross value of products
	No.	$	No.	$	$	$
1933						
Farm origin	9,695	844,582,058	158,602	137,711,749	454,882,704	791,956,470
Mineral origin	3,539	1,306,641,651	130,565	138,101,092	271,434,337	601,426,003
Forest origin	7,796	882,445,502	102,307	99,046,012	133,550,374	335,886,257
Marine origin	620	15,532,775	4,064	2,287,385	10,960,289	17,380,323
Wild life origin	335	10,507,157	3,498	3,481,885	7,159,079	13,000,927
Mixed origin	1,795	219,550,595	69,122	55,519,701	89,802,145	194,423,805
Grand totals, 1933	**23,780**	**3,279,259,838**	**468,658**	**436,247,824**	**967,788,928**	**1,954,075,785**
Farm origin group:						
From field crops	5,746	609,044,529	93,433	81,655,182	263,007,043	494,048,930
From animal husbandry	3,949	235,537,529	65,169	56,056,567	191,875,661	297,907,540
Totals, farm origin	**9,695**	**844,582,058**	**158,602**	**137,711,749**	**454,882,704**	**791,956,470**
Canadian origin	9,373	629,450,643	124,547	107,807,386	365,559,776	620,197,449
Foreign origin	322	215,131,415	34,055	29,904,363	89,322,928	171,759,021
1939						
Farm origin	10,203	952,929,892	220,210	217,724,965	778,250,125	1,289,993,021
Mineral origin	3,474	1,498,265,618	210,752	280,054,303	669,728,573	1,321,444,094
Forest origin	8,430	951,010,933	142,091	160,798,500	244,944,997	572,335,960
Marine origin	523	21,479,200	5,369	3,638,794	18,114,698	28,816,536
Wild life origin	384	14,723,743	4,604	5,396,823	11,592,066	19,961,526
Mixed origin	1,791	208,609,063	75,088	70,197,968	113,528,916	242,232,391
Grand totals, 1939	**24,805**	**3,647,024,449**	**658,114**	**737,811,153**	**1,836,159,375**	**3,474,783,528**
Farm origin group:						
From field crops	6,096	649,746,486	124,708	126,311,033	410,994,461	759,964,866
From animal husbandry	4,107	303,183,406	95,502	91,413,932	367,255,664	530,028,155
Totals, farm origin	**10,203**	**952,929,892**	**220,210**	**217,724,965**	**778,250,125**	**1,289,993,021**
Canadian origin	9,382	699,345,423	171,460	168,260,771	630,779,223	1,011,294,132
Foreign origin	821	253,584,469	48,750	49,464,194	147,470,902	278,698,889

Year and origin	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
	No.	No.	$	$	$	$
1944						
Farm origin	10,329	287,756	394,716,309	1,781,014,374	870,995,104	2,688,731,415
Mineral origin	4,479	634,542	1,208,779,764	2,258,796,792	2,312,260,844	4,708,104,244
Forest origin	10,347	186,680	278,171,969	495,531,476	541,521,976	1,082,160,284
Marine origin	535	9,664	10,327,695	45,906,542	22,066,801	68,882,879
Wild life origin	535	6,190	9,430,191	28,076,572	15,728,926	43,985,177
Mixed origin	2,258	98,050	128,195,442	223,007,600	253,202,359	481,828,520
Grand totals, 1944	**28,483**	**1,222,882**	**2,029,621,370**	**4,832,333,356**	**4,015,776,010**	**9,073,692,519**
Farm origin group:						
From field crops	6,307	164,514	226,751,705	888,435,913	563,349,320	1,477,008,962
From animal husbandry	4,022	123,242	167,964,604	892,578,456	307,645,784	1,211,722,453
Totals, farm origin	**10,329**	**287,756**	**394,716,309**	**1,781,014,374**	**870,995,104**	**2,688,731,415**
Canadian origin	9,493	225,077	303,293,749	1,507,501,822	698,958,344	2,202,655,904
Foreign origin	836	62,679	91,422,560	273,512,552	202,036,760	485,075,511
1949						
Farm origin	10,023	312,573	608,297,050	2,664,102,189	1,327,990,992	4,042,745,891
Mineral origin	5,936	453,960	1,147,317,944	2,652,631,878	2,315,722,610	5,133,084,333
Forest origin	15,467	255,371	562,316,999	1,051,100,174	1,158,202,597	2,289,386,108
Marine origin	599	11,856	16,969,825	69,090,041	41,140,022	111,961,148
Wild life origin	663	8,370	18,008,212	38,475,825	28,844,756	67,646,423
Mixed origin	3,104	128,777	238,980,627	367,830,957	458,665,055	835,769,392
Grand totals, 1949	**35,792**	**1,171,207**	**2,591,890,657**	**6,843,231,064**	**5,330,566,434**	**12,479,593,300**
Farm origin group:						
From field crops	6,165	175,715	348,944,897	1,414,938,794	863,950,508	2,313,027,879
From animal husbandry	3,858	136,858	259,352,153	1,249,163,395	464,040,484	1,729,718,012
Totals, farm origin	**10,023**	**312,573**	**608,297,050**	**2,664,102,189**	**1,327,990,992**	**4,042,745,891**
Canadian origin	9,204	247,762	473,274,682	2,289,435,804	1,041,245,310	3,369,356,461
Foreign origin	819	64,811	135,022,368	374,666,385	286,745,682	673,389,430

TABLE 14. Principal Statistics of the Manufacturing Industries, Classified According to Origin of Material Used, by Main Groups, Significant Years 1924-50 — Concluded

Year and origin	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
1950	No.	No.	$	$	$	$
Farm origin	9,865	309,756	635,302,432	2,844,735,133	1,426,866,631	4,326,551,169
Mineral origin	6,038	460,749	1,234,389,646	2,994,681,340	2,602,196,220	5,780,180,750
Forest origin	15,580	262,524	612,465,194	1,182,568,403	1,356,295,347	2,625,214,447
Marine origin	591	11,842	18,722,240	79,959,218	46,691,639	128,423,853
Wild life origin	631	7,962	18,017,198	39,603,500	28,487,711	68,444,871
Mixed origin	3,237	130,464	252,370,725	396,986,933	481,520,681	888,711,291
Grand totals, 1950	**35,942**	**1,183,297**	**2,771,267,435**	**7,538,534,532**	**5,942,058,229**	**13,817,526,381**
Farm origin group:						
From field crops	6,067	177,449	371,490,647	1,537,016,230	960,378,598	2,534,609,064
From animal husbandry	3,798	132,307	263,811,785	1,307,718,903	466,488,033	1,791,942,105
Totals, farm origin	**9,865**	**309,756**	**635,302,432**	**2,844,735,133**	**1,426,866,631**	**4,326,551,169**
Canadian origin	9,025	241,737	485,659,591	2,381,302,252	1,083,252,802	3,505,792,122
Foreign origin	840	68,019	149,642,841	463,432,881	343,613,829	820,759,047

1. For the year 1924 the figures for "Cost of Materials" and "Gross Value of Products" include the value placed on intermediate products used in further processes in the chemical group of industries. For this reason these figures differ slightly from those contained in the other tables of this report.

Subsection 4. Manufactures Classified by Type of Ownership

This subsection deals with the type of ownership under which Canadian manufacturers operate. The first survey in 1946 did not include the fish-curing and packing industry, information for which was not available at that time. For this reason the figures for 1946 are not strictly comparable with those for succeeding years, although the inclusion of that industry has not materially altered the percentage distribution of individual ownership, incorporated companies, etc.

Of the 35,942 establishments operating in 1950, 1,319 establishments in the periodical publishing industry were unclassifiable, leaving 34,623 establishments in the four categories of ownership. Individual ownership numbered 15,786 establishments, partnerships 5,185, incorporated companies 12,559 and co-operatives 1,093. The percentage distribution of the four categories of ownership are given below for the years 1946 to 1950.

Year	Individual ownership	Partnerships	Incorporated companies	Co-operatives
1946 (estimated)	47.3	16.0	33.4	3.3
1947	46.4	16.1	34.3	3.2
1948	46.2	16.4	34.4	3.0
1949	46.0	15.8	35.3	2.9
1950	45.6	15.0	36.3	3.1

As is to be expected, the smaller establishments, regardless of the type of products manufactured, are carried on under individual ownership. In that category industries conducted on a small scale contain a large number of establishments, the percentage decreasing as the scale of operations increases, as the following statement shows.

	Group	Average number of employees per establishment	Percentage of individual ownership establishments to total
1	Wood products	11.2	63.9
2	Printing, publishing and allied trades	16.3	47.0
3	Food and beverages	20.0	48.6
4	Miscellaneous manufacturing industries	27.0	32.9
5	Non-metallic mineral products	28.3	34.3
6	Clothing (textile and fur)	38.1	27.8
7	Chemicals and allied products	40.1	16.8
8	Leather products	44.1	31.4
9	Iron and steel products	68.8	25.9
10	Non-ferrous metal products	83.4	27.0
11	Textile products (except clothing)	94.9	27.5
12	Paper products	146.8	9.5
13	Tobacco and tobacco products	151.8	39.7
14	Electrical apparatus and supplies	157.8	14.4
15	Transportation equipment	173.3	33.3
16	Products of petroleum and coal	199.7	1.3
17	Rubber products	357.6	8.2
	All groups	**32.9**	**45.6**

It is therefore found, according to the above, that in the wood products group 64 p.c. of the establishments were under individual ownership. The food and beverages group had 49 p.c. of its establishments in this classification, followed by printing, publishing and allied trades with 47 p.c., tobacco products 40 p.c., non-metallic mineral products 34 p.c., transportation equipment 33 p.c., miscellaneous industries 33 p.c., leather products 31 p.c., clothing (textile and fur) 28 p.c., textiles (except clothing) 28 p.c., non-ferrous metal products 27 p.c. etc.

The establishments operating under individual ownership are not as important from the point of view of employment provided as their large numbers would indicate. According to tables 16 and 17, these establishments which comprise 46 p.c. of the total had only 6 p.c. of the total employees. Partnerships accounted for 15 p.c. of the number of establishments and 4 p.c. of the total employees. Incorporated companies with 36 p.c. of the number of establishments had 89 p.c. of the employees. Co-operatives with 3 p.c. of the number had 1 p.c. of the employees.

On the basis of employment provided, incorporated companies are by a very wide margin the most important factor in the employment field. In the petroleum and coal products, rubber products and paper products groups 99 p.c. of the employees were reported by such companies. Companies in the transportation equipment group had 98 p.c., electrical apparatus and supplies 98 p.c., chemicals and allied products 97 p.c., tobacco and tobacco products 95 p.c., textiles (except clothing) 95 p.c., non-ferrous metal products 95 p.c., iron and its products 95 p.c., etc. Companies in the wood products group with 70 reported the lowest percentage of the total employment.

TABLE 15. Percentage Distribution of Establishments in the Manufacturing Industries, Classified by Type of Ownership, by Provinces and Industrial Groups, 1950 [1]

Province or group	Individual ownership	Partnerships	Incorporated companies	Co-operatives	Total
	p.c.	p.c.	p.c.	p.c.	p.c.
Province					
Newfoundland	65.3	21.6	13.0	0.1	100.0
Prince Edward Island	52.5	16.1	22.3	9.1	100.0
Nova Scotia	51.8	17.0	28.6	2.6	100.0
New Brunswick	57.3	11.6	28.0	3.1	100.0
Quebec	50.4	11.6	33.5	4.5	100.0
Ontario	40.0	16.1	41.4	2.5	100.0
Manitoba	39.8	15.7	42.4	2.1	100.0
Saskatchewan	55.8	13.3	25.0	5.9	100.0
Alberta	49.4	18.2	28.4	4.0	100.0
British Columbia	36.6	18.9	43.2	1.3	100.0
Yukon and Northwest Territories	63.2	15.8	21.0	—	100.0
Canada	**45.6**	**15.0**	**36.3**	**3.1**	**100.0**
Industrial group					
Foods and beverages	48.6	11.5	27.5	12.4	100.0
Tobacco and tobacco products	39.7	4.4	51.5	4.4	100.0
Rubber products	8.2	9.8	82.0	—	100.0
Leather products	31.4	14.6	54.0	—	100.0
Textile products (except clothing)	27.5	13.9	58.3	0.3	100.0
Clothing (textile and fur)	27.8	20.0	52.2	—	100.0
Wood products	63.9	17.4	18.5	0.2	100.0
Paper products	9.5	4.2	86.3	—	100.0
Printing, publishing and allied industries	47.0	15.8	36.8	0.4	100.0
Iron and steel products	25.9	15.8	58.1	0.2	100.0
Transportation equipment	33.3	14.5	52.2	—	100.0
Non-ferrous metal products	27.0	16.8	56.2	—	100.0
Electrical apparatus and supplies	14.4	7.6	78.0	—	100.0
Non-metallic mineral products	34.3	17.3	48.3	0.1	100.0
Products of petroleum and coal	1.3	1.3	94.8	2.6	100.0
Chemicals and allied products	16.8	6.4	76.4	0.4	100.0
Miscellaneous manufacturing industries	32.9	15.2	51.9	—	100.0

1. Four main categories of ownership only; the non-classifiable group is not included.

TABLE 16. Percentage Distribution of Employment in the Manufacturing Industries, Classified by Type of Ownership, by Provinces and Industrial Groups, 1950[1]

Province or group	Individual ownership	Partnerships	Incorporated companies	Co-operatives	Total
	p.c.	p.c.	p.c.	p.c.	p.c.
Province					
Newfoundland	12.8	7.7	79.5	0.0	100.0
Prince Edward Island	22.2	10.4	61.1	6.3	100.0
Nova Scotia	11.4	5.1	82.0	1.5	100.0
New Brunswick	11.4	3.7	83.1	1.8	100.0
Quebec	8.0	3.9	87.2	0.9	100.0
Ontario	4.5	3.3	91.8	0.4	100.0
Manitoba	5.6	4.5	88.4	1.5	100.0
Saskatchewan	12.3	5.9	70.7	11.1	100.0
Alberta	11.5	8.0	77.5	3.0	100.0
British Columbia	5.7	4.9	87.1	2.3	100.0
Yukon and Northwest Territories	26.8	6.5	66.7	—	100.0
Canada	**6.3**	**3.9**	**88.8**	**1.0**	**100.0**
Industrial group					
Foods and beverages	10.7	4.2	79.7	5.4	100.0
Tobacco and tobacco products	1.1	0.4	95.5	3.0	100.0
Rubber products	0.2	0.6	99.2	—	100.0
Leather products	7.5	5.5	87.0	—	100.0
Textile products (except clothing)	2.6	1.9	95.5	0.0	100.0
Clothing (textile and fur)	8.8	9.7	81.5	—	100.0
Wood products	20.0	9.7	69.9	0.4	100.0
Paper products	0.5	0.4	99.1	—	100.0
Printing, publishing and allied industries	9.0	4.9	84.8	1.3	100.0
Iron and steel products	2.6	2.2	94.9	0.3	100.0
Transportation equipment	0.8	0.7	98.5	—	100.0
Non-ferrous metal products	2.7	2.1	95.2	—	100.0
Electrical apparatus and supplies	0.8	0.8	98.4	—	100.0
Non-metallic mineral products	6.0	3.9	90.0	0.1	100.0
Products of petroleum and coal	0.0	0.0	99.1	0.9	100.0
Chemical products	1.4	0.6	97.6	0.4	100.0
Miscellaneous manufacturing industries	7.7	5.0	87.3	—	100.0

1. Four main categories of ownership only; the non-classifiable group is not included.

TABLE 17. Percentage Distribution of Employment in the Forty Leading Industries, by Type of Ownership, 1950

	Industry	Individual ownership	Partnerships	Incorporated companies	Co-operatives	Total
		p.c.	p.c.	p.c.	p.c.	p.c.
1	Pulp and paper	—	0.1	99.9	—	100.0
2	Slaughtering and meatpacking	1.6	1.8	93.5	3.1	100.0
3	Motor vehicles	—	—	100.0	—	100.0
4	Non-ferrous metal smelting and refining	—	—	100.0	—	100.0
5	Petroleum products	0.0	0.0	98.6	1.4	100.0
6	Sawmills	29.1	12.2	58.4	0.3	100.0
7	Primary iron and steel	—	—	100.0	—	100.0
8	Butter and cheese	12.0	4.1	60.5	23.4	100.0
9	Cotton yarn and cloth	0.1	0.0	99.9	—	100.0
10	Flour mills	1.6	3.8	92.7	1.9	100.0
11	Rubber goods	0.2	0.6	99.2	—	100.0
12	Clothing, men's factory	4.9	8.4	86.7	—	100.0
13	Motor vehicle parts	1.4	1.0	97.6	—	100.0
14	Bread and other bakery products	28.2	7.7	63.6	0.5	100.0
15	Clothing, women's factory	8.9	11.9	79.2	—	100.0
16	Railway rolling stock	0.0	—	100.0	—	100.0
17	Machinery, heavy electrical	0.1	0.0	99.9	—	100.0
18	Printing and publishing	6.0	2.9	89.9	1.2	100.0
19	Foods, miscellaneous	5.7	3.2	91.0	0.1	100.0
20	Furniture	10.5	9.3	80.2	—	100.0
21	Sheet metal products	3.0	2.4	94.6	—	100.0
22	Miscellaneous electrical apparatus and supplies	0.6	0.9	98.5	—	100.0
23	Fruit and vegetable preparations	4.7	4.4	86.8	4.1	100.0
24	Sash, door and planing mills	19.2	8.5	72.0	0.3	100.0
25	Machinery, industrial	2.1	1.5	96.2	0.2	100.0
26	Feeds, stock and poultry, prepared	15.0	7.2	60.5	17.3	100.0
27	Agricultural implements	0.9	0.9	96.9	1.3	100.0
28	Breweries	—	—	100.0	—	100.0
29	Synthetic textiles and silk	0.3	0.1	99.6	—	100.0
30	Sugar refining	—	—	100.0	—	100.0
31	Iron Castings	3.3	2.9	93.8	—	100.0
32	Boxes and bags, paper	1.3	0.9	97.5	0.3	100.0
33	Printing and bookbinding	14.7	8.0	75.4	1.9	100.0
34	Fish processing[1]	11.3	3.7	74.6	10.4	100.0
35	Brass and copper products	3.1	1.8	95.1	—	100.0
36	Tobacco, cigars and cigarettes	1.3	0.5	98.2	—	100.0
37	Refrigerators, vacuum cleaners and appliances	1.4	1.7	96.9	—	100.0
38	Footwear, leather	7.4	2.5	90.1	—	100.0
39	Miscellaneous paper goods	2.4	1.2	96.4	—	100.0
40	Confectionery	3.9	1.8	94.3	—	100.0

1. Not including Newfoundland.

TABLE 18. Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Type of Ownership, 1950

Provinces and Groups	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Canada:						
Individual ownership	15,786	75,123	115,194,008	9,226,839	274,804,938	482,843,760
Partnerships	5,185	45,739	80,835,999	4,552,019	181,850,112	324,561,758
Incorporated companies	12,559	1,046,327	2,547,882,230	320,272,676	6,906,056,816	12,774,485,324
Co-operatives	1,093	11,442	20,369,671	2,882,086	157,994,987	201,010,252
Not classifiable[1]	1,319	4,666	6,985,527	—	17,827,679	34,625,287
Totals	**35,942**	**1,183,297**	**2,771,267,435**	**336,933,620**	**7,538,534,532**	**13,817,526,381**
Newfoundland:						
Individual ownership	551	854	725,502	76,264	1,144,987	2,554,303
Partnerships	182	512	428,375	37,063	619,358	1,344,707
Incorporated companies	110	5,306	15,085,161	2,731,403	29,715,135	67,114,819
Co-operatives	1	10	7,214	120	26,143	49,021
Not classifiable[1]	6					
Totals	**850**	**6,682**	**16,246,252**	**2,844,850**	**31,505,623**	**71,062,850**
Prince Edward Island:						
Individual ownership	127	396	402,154	62,133	1,782,420	2,675,332
Partnerships	39	186	197,931	27,790	974,069	1,352,194
Incorporated companies	54	1,090	1,641,375	175,981	11,118,747	14,084,695
Co-operatives	22	113	100,645	17,660	1,363,805	1,693,588
Not classifiable[1]	2	1	75	—	4,001	5,214
Totals	**244**	**1,786**	**2,342,180**	**283,564**	**15,243,042**	**19,811,023**
Nova Scotia:						
Individual ownership	744	3,247	3,797,429	342,967	12,306,903	20,438,270
Partnerships	244	1,444	1,651,565	126,589	4,789,418	7,768,867
Incorporated companies	410	23,288	48,890,023	10,439,140	127,547,374	224,187,997
Co-operatives	37	445	511,138	67,194	2,326,103	3,259,650
Not classifiable[1]	47	55	37,906	—	161,247	232,715
Totals	**1,482**	**28,479**	**54,888,061**	**10,975,890**	**147,131,045**	**255,887,499**
New Brunswick:						
Individual ownership	624	2,708	3,206,727	293,131	8,372,131	14,906,952
Partnerships	126	889	1,037,307	77,877	2,526,229	4,589,221
Incorporated companies	305	19,816	41,674,015	9,022,773	131,740,376	237,425,091
Co-operatives	34	419	447,727	88,653	5,322,419	6,642,508
Not classifiable[1]	18	31	20,293	—	105,069	189,295
Totals	**1,107**	**23,863**	**46,386,069**	**9,482,434**	**148,066,224**	**263,753,067**
Quebec:						
Individual ownership	5,681	31,221	45,594,900	3,394,131	111,798,059	192,861,325
Partnerships	1,311	14,934	25,390,532	1,147,802	58,179,755	103,685,971
Incorporated companies	3,783	338,522	771,722,982	113,402,665	1,989,780,734	3,759,961,239
Co-operatives	504	3,396	4,844,745	732,337	57,334,550	67,430,205
Not classifiable[1]	391	2,090	3,781,541	—	8,383,152	18,534,550
Totals	**11,670**	**390,163**	**851,334,700**	**118,676,935**	**2,225,476,250**	**4,142,473,290**
Ontario:						
Individual ownership	4,930	25,065	43,231,589	3,437,233	103,984,699	179,975,070
Partnerships	1,986	18,909	36,841,010	2,008,237	82,873,373	144,810,457
Incorporated companies	5,100	518,367	1,325,892,014	149,911,438	3,373,251,309	6,446,176,527
Co-operatives	304	2,490	4,763,094	633,741	32,133,976	41,106,692
Not classifiable[1]	489	1,682	2,271,439	—	6,578,138	10,885,235
Totals	**12,809**	**566,513**	**1,412,999,146**	**155,990,649**	**3,598,821,495**	**6,822,953,981**
Manitoba:						
Individual ownership	559	2,269	3,451,732	292,525	9,102,487	15,391,070
Partnerships	221	1,848	3,102,314	164,698	7,019,869	12,298,773
Incorporated companies	596	36,092	80,741,936	7,878,462	277,839,367	448,055,227
Co-operatives	30	596	1,135,776	134,231	5,471,900	8,574,426
Not classifiable[1]	101	180	269,843	—	951,084	1,586,710
Totals	**1,507**	**40,985**	**88,701,601**	**8,469,916**	**300,384,707**	**485,906,206**
Saskatchewan:						
Individual ownership	473	1,299	1,779,389	207,570	3,241,007	6,677,150
Partnerships	113	624	967,674	108,610	2,170,746	4,127,119
Incorporated companies	212	7,450	17,658,383	3,254,158	138,377,837	181,045,710
Co-operatives	50	1,174	2,557,120	457,670	20,579,562	25,957,674
Not classifiable[1]	39	49	47,903	—	188,154	272,302
Totals	**887**	**10,596**	**23,010,469**	**4,028,008**	**164,557,306**	**218,079,955**
Alberta:						
Individual ownership	788	3,058	4,708,545	448,490	10,193,229	18,996,066
Partnerships	291	2,129	3,620,989	317,858	10,107,911	17,641,561
Incorporated companies	453	20,634	48,385,440	5,856,998	236,520,792	347,252,379
Co-operatives	63	788	1,580,173	192,760	14,920,730	18,327,249
Not classifiable[1]	76	123	121,177	—	388,387	622,768
Totals	**1,671**	**26,732**	**58,416,324**	**6,816,106**	**272,131,049**	**402,840,023**

1. Consists of the industry "Publishing (only) of Periodicals".

TABLE 18. Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Type of Ownership, 1950 — Concluded

Provinces and Groups	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
British Columbia:						
Individual ownership	1,297	4,973	8,236,021	661,642	12,810,867	28,194,290
Partnerships	669	4,256	7,593,084	534,773	12,579,052	26,920,933
Incorporated companies	1,532	75,680	195,970,483	17,478,723	589,203,672	1,047,635,996
Co-operatives	48	2,018	4,427,603	557,720	18,536,952	28,009,547
Not classifiable [1]	150	448	429,786	—	1,047,294	2,256,190
Totals	**3,696**	**87,375**	**216,656,977**	**19,232,858**	**634,177,837**	**1,133,016,956**
Yukon and Northwest Territories:						
Individual ownership	12	33	60,020	10,753	68,149	173,932
Partnerships	3	8	5,218	722	10,332	21,955
Incorporated companies	4	82	220,418	120,935	961,473	1,545,644
Totals	**19**	**123**	**285,656**	**132,410**	**1,039,954**	**1,741,531**

1. Consists of the industry "Publishing (only) of Periodicals".

TABLE 19. Principal Statistics of the Manufacturing Industries of Canada Classified by Industrial Groups, and by Type of Ownership, 1950

Provinces and groups	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
1. Foods and Beverages:						
Individual ownership	4,083	17,937	25,942,900	4,571,443	127,568,076	178,105,964
Partnerships	965	7,099	11,464,959	1,626,470	63,414,109	86,284,054
Incorporated companies	2,313	133,636	294,045,573	33,279,038	1,764,785,653	2,585,083,794
Co-operatives	1,040	8,992	15,261,011	2,574,385	146,669,422	180,336,792
Totals	**8,401**	**167,664**	**346,714,443**	**42,051,336**	**2,102,437,260**	**3,029,810,604**
2. Tobacco and Tobacco Products:						
Individual ownership	27	109	112,276	5,792	161,562	308,877
Partnerships	3	45	81,536	1,183	91,047	185,691
Incorporated companies	35	9,856	22,142,039	521,641	120,663,911	185,670,820
Co-operatives	3	312	293,067	15,874	1,693,659	2,165,135
Totals	**68**	**10,322**	**22,628,918**	**544,490**	**122,610,179**	**188,330,523**
3. Rubber Products:						
Individual ownership	5	51	78,837	4,740	43,193	139,025
Partnerships	6	126	207,097	13,771	139,019	453,404
Incorporated companies	50	21,635	53,976,930	3,330,856	101,591,170	238,592,081
Totals	**61**	**21,812**	**54,262,864**	**3,349,367**	**101,773,382**	**239,184,510**
4. Leather Products:						
Individual ownerships	235	2,461	3,701,390	86,761	6,289,107	11,727,890
Partnerships	109	1,817	2,952,122	96,029	5,994,237	10,374,950
Incorporated companies	403	28,712	51,156,165	1,743,601	108,933,851	188,460,173
Totals	**747**	**32,990**	**57,809,677**	**1,926,391**	**121,217,195**	**210,563,013**
5. Textile Products (Except clothing):						
Individual ownership	233	2,057	3,303,194	161,119	7,248,279	12,886,192
Partnerships	118	1,503	2,659,245	94,150	8,487,908	13,151,752
Incorporated companies	493	76,768	163,212,703	12,767,802	396,946,666	715,224,741
Co-operatives	2					
Totals	**846**	**80,328**	**169,175,142**	**13,023,071**	**412,682,853**	**741,262,685**
6. Clothing (Textile and fur):						
Individual ownership	847	10,247	16,989,158	259,405	32,072,643	59,749,307
Partnerships	610	11,314	21,654,836	286,221	43,305,454	80,116,999
Incorporated companies	1,594	94,687	172,579,353	3,226,913	302,174,075	594,348,028
Totals	**3,051**	**116,248**	**211,223,347**	**3,772,539**	**377,552,172**	**734,214,334**
7. Wood Products:						
Individual ownership	7,224	25,291	33,913,957	2,434,749	72,128,758	139,102,957
Partnerships	1,966	12,177	18,695,723	1,157,095	37,335,500	72,525,924
Incorporated companies	2,086	88,128	192,607,246	7,797,202	399,079,106	769,995,817
Co-operatives	25	573	1,108,199	51,934	2,021,639	4,234,795
Totals	**11,301**	**126,169**	**246,325,125**	**11,440,980**	**510,565,003**	**985,859,493**
8. Paper Products:						
Individual ownership	50	392	673,262	23,722	1,269,741	2,514,030
Partnerships	22	292	568,548	35,298	922,242	1,791,582
Incorporated companies	456	76,835	223,955,628	71,713,127	539,068,643	1,246,838,513
Totals	**528**	**77,519**	**225,197,438**	**71,772,147**	**541,260,628**	**1,251,144,125**

1. Consists of the industry "Publishing (only) of Periodicals".

TABLE 19. Principal Statistics of the Manufacturing Industries of Canada Classified by Industrial Groups, and by Type of Ownership, 1950 — Concluded

Provinces and groups	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
9. Printing, Publishing and Allied Industries:						
Individual ownership	1,199	5,257	9,511,801	403,942	6,261,904	21,530,444
Partnersnips	401	2,877	5,765,238	176,470	4,004,235	12,898,438
Incorporated companies	939	49,565	130,231,605	2,767,798	106,285,795	339,897,159
Co-operatives	11	760	1,875,466	54,645	1,110,614	4,060,587
Not classifiable[1]	1,319	4,666	6,985,527	—	17,827,679	34,625,287
Totals	**3,869**	**63,125**	**154,369,637**	**3,402,855**	**135,510,227**	**413,011,915**
10. Iron and Steel Products:						
Individual ownership	619	4,331	8,619,907	470,804	6,975,039	20,950,096
Partnerships	378	3,622	7,543,249	346,246	6,812,587	19,609,611
Incorporated companies	1,388	156,145	421,172,251	44,136,090	647,752,672	1,481,032,011
Co-operatives	5	430	909,342	38,868	791,894	2,792,760
Totals	**2,390**	**164,528**	**438,244,749**	**44,992,008**	**662,332,192**	**1,524,384,478**
11. Transportation Equipment:						
Individual ownership	200	888	1,444,084	88,807	1,552,359	3,722,257
Partnerships	87	686	1,374,129	53,690	1,490,950	3,544,039
Incorporated companies	314	102,602	287,618,165	12,432,366	671,790,156	1,232,313,431
Totals	**601**	**104,176**	**290,436,378**	**12,574,863**	**674,833,465**	**1,239,579,727**
12. Non-ferrous Metal Products:						
Individual ownership	145	1,212	2,325,994	96,547	2,899,802	7,032,335
Partnerships	90	937	1,759,265	60,156	2,316,265	5,063,353
Incorporated companies	301	42,531	115,450,337	42,363,933	601,475,721	948,656,126
Totals	**536**	**44,680**	**119,535,596**	**42,520,636**	**606,691,788**	**960,751,814**
13. Electrical Apparatus and Supplies:						
Individual ownership	55	458	853,128	33,215	1,387,295	2,853,064
Partnerships	29	472	935,392	26,623	1,753,431	3,450,849
Incorporated companies	298	59,332	153,545,545	5,076,345	257,165,301	574,274,473
Totals	**382**	**60,262**	**155,334,065**	**5,136,183**	**260,306,027**	**580,578,386**
14. Non-metallic Mineral Products:						
Individual ownership	358	1,756	3,032,534	357,353	2,950,491	8,211,249
Partnerships	181	1,168	2,315,965	456,683	2,069,147	6,503,148
Incorporated companies	505	26,679	67,031,911	26,180,975	86,148,967	271,826,966
Co-operatives	1					
Totals	**1,045**	**29,603**	**72,380,410**	**26,995,011**	**91,168,605**	**286,541,363**
15. Products of Petroleum and Coal:						
Individual ownership	1	3	6,769	243	16,028	29,098
Partnerships	1	3	6,494	519	12,693	37,442
Incorporated companies	72	15,171	44,412,105	29,218,390	442,389,762	616,059,759
Co-operatives	2					
Totals	**76**	**15,177**	**44,425,368**	**29,219,152**	**442,418,483**	**616,126,299**
16. Chemicals and Chemical Products:						
Individual ownership	174	585	1,031,007	68,180	1,872,044	3,764,405
Partnerships	66	246	428,611	25,632	902,155	1,852,457
Incorporated companies	789	40,474	104,883,198	21,863,715	302,878,191	638,656,922
Co-operatives	4	170	451,587	40,531	2,053,351	2,596,726
Totals	**1,033**	**41,475**	**106,794,403**	**21,998,058**	**307,705,741**	**646,870,510**
17. Miscellaneous Manufacturing Industries:						
Individual ownership	331	2,088	3,653,810	160,017	4,088,617	10,216,570
Partnerships	153	1,355	2,423,590	95,783	2,799,133	6,718,065
Incorporated companies	523	23,776	50,332,475	1,958,733	60,581,584	152,377,967
Totals	**1,007**	**27,219**	**56,409,875**	**2,214,533**	**67,469,334**	**169,312,602**

1. Consists of the industry "Publishing (only) of Periodicals".

Subsection 5. Leading Manufacturing Industries

In the following statement, the rank of the ten leading industries in 1950, from the standpoint of gross value of production, is compared with their respective ranks in significant years since 1922.

Industry	Rank in						
	1950	1949	1944	1939	1933	1929	1922
Pulp and paper	1	1	5	2	1	1	2
Slaughtering and meat packing	2	2	1	3	3	2	3
Motor vehicles	3	4	7	5	11	4	6
Non-ferrous metal smelting and refining	4	3	2	1	2	9	1
Petroleum products	5	5	14	6	6	10	9
Sawmills	6	6	11	8	14	5	4
Primary iron and steel	7	8	13	11	31	16	20
Butter and cheese	8	7	10	4	5	6	5
Cotton yarn and cloth	9	12	23	13	27	23	8
Flour mills	10	10	12	7	4	3	1

1. Did not rank among forty leading industries in 1922.

A prominent feature of Canadian manufacturing development during the past 25 years has been the rapid growth of non-ferrous metal smelting. This industry, based upon the rich base-metal resources of the country, has taken its place among the leading manufactures along with the industries based upon forest, agricultural and live-stock resources.

The incidence of the depression resulted in a rearrangement in the ranking of many industries which in some cases has proved to be temporary. During the War, the industries engaged in producing the equipment needed by the Armed Forces, such as shipbuilding, aircraft, automobiles, miscellaneous chemical products, and primary iron and steel, advanced to higher positions. When the War ended, the industries engaged in the production of consumer goods, by reason of the expanded demand for their products, bettered their positions. Pulp and paper, after a lapse for a number of years, resumed its premier position.

With one exception, the same industries in the lead in 1949 remained in the first ten places in 1950, although the order changed slightly. The cotton yarn and cloth industry which ranked twelfth in 1949 ranked ninth in 1950 while railway rolling stock lost its position among the 10 leading industries. The motor vehicle industry rose from fourth to third place over the two years while the non-ferrous metal smelting and refining industry fell from third to fourth position. In 1950 the primary iron and steel industry ranked seventh and butter and cheese ranked eighth whereas in 1949 this order was reversed.

TABLE 20. Principal Statistics of the Forty Leading Industries of Canada, Ranked According to Gross Value of Products, 1949

No.	Industry	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
		No.	No.	$	$	$	$
1	Pulp and paper	123	52,050	157,703,868	348,662,719	423,375,527	836,148,393
2	Slaughtering and meatpacking	157	20,586	52,136,180	586,241,637	108,059,068	697,950,039
3	Non-ferrous metal smelting and refining	16	19,150	55,133,065	380,275,977	181,907,847	599,188,135
4	Motor vehicles	15	27,022	76,684,328	300,705,398	182,055,285	485,756,877
5	Petroleum products	47	9,413	26,142,276	336,973,056	82,971,097	436,796,213
6	Sawmills	7,460	55,032	97,449,091	205,935,217	186,120,981	396,415,201
7	Butter and cheese	1,862	22,479	41,612,537	274,298,757	74,705,184	355,004,031
8	Primary iron and steel	55	29,097	82,958,229	147,229,391	136,152,628	305,734,984
9	Railway rolling stock	39	32,410	82,135,159	133,053,860	109,228,718	246,754,026
10	Flour mills[1]	133	5,033	11,965,400	215,404,869	28,342,755	245,274,202
11	Clothing, men's factory	565	33,298	57,343,483	121,485,389	98,546,341	220,701,259
12	Cotton yarn and cloth	53	25,178	49,363,696	124,685,279	83,073,026	211,384,517
13	Bread and other bakery products	2,730	31,763	57,552,745	102,555,311	94,717,220	203,720,116
14	Clothing, women's factory[1]	890	29,129	55,424,392	105,156,893	96,791,010	202,412,558
15	Rubber goods	62	20,729	48,172,207	73,895,718	101,705,513	178,503,559
16	Agricultural implements and machinery	79	16,588	44,219,589	95,685,026	79,192,612	176,970,283
17	Motor vehicle parts	150	17,898	45,662,602	88,040,691	81,194,554	171,590,042
18	Printing and publishing	784	26,272	63,550,242	48,877,899	118,825,355	169,268,479
19	Electrical apparatus and supplies, n.e.s.[1]	145	19,596	46,967,735	65,469,109	93,945,513	161,008,162
20	Miscellaneous foods	297	6,978	13,319,291	114,717,702	43,386,636	158,974,544
21	Machinery, heavy electrical[1]	46	19,490	51,522,890	63,755,040	92,767,507	158,150,426
22	Furniture	1,187	26,931	53,591,185	70,147,728	85,289,672	157,122,632
23	Sheet metal products	275	16,414	39,304,865	84,810,689	70,098,369	156,717,444
24	Feeds, stock and poultry, prepared	485	5,356	10,889,537	125,645,640	24,361,413	151,470,360
25	Fruit and vegetable preparations	473	14,992	23,863,821	89,502,037	57,106,291	148,762,324
26	Machinery, industrial[1]	296	19,479	48,248,262	48,389,379	97,927,235	148,156,612
27	Breweries	64	8,652	23,461,437	37,939,869	102,125,599	142,399,729
28	Planing mills, sash and door factories	1,501	18,171	33,872,726	80,408,276	55,498,422	137,717,568
29	Castings, iron	231	18,339	46,165,355	55,315,454	74,880,824	133,313,505
30	Synthetic textiles and silk	48	16,828	36,121,584	45,217,912	75,578,244	124,125,414
31	Printing and bookbinding	1,530	22,029	47,147,222	42,773,222	76,974,961	120,822,790
32	Boxes and bags, paper	174	12,763	25,513,079	72,113,972	47,333,714	120,321,918
33	Sugar refining	11	3,587	8,842,783	90,172,181	23,703,295	116,767,430
34	Boots and shoes, leather	284	22,290	36,733,243	61,023,445	54,956,420	116,514,620
35	Brass and copper products	162	9,389	22,943,888	73,045,193	40,700,161	115,407,796
36	Tobacco, cigars and cigarettes	57	9,029	19,028,381	59,319,660	53,641,340	113,334,066
37	Fish processing[2]	599	11,856	16,969,825	69,090,041	41,140,022	111,961,148
38	Miscellaneous paper goods	204	9,181	19,476,921	56,444,549	42,868,657	100,230,130
39	Confectionery, cocoa, etc.	206	10,317	17,107,649	51,001,165	47,401,925	99,424,355
40	Coke and gas products	30	5,139	13,641,224	54,063,072	34,847,993	96,934,506
	Total, leading industries[2]	**23,525**	**779,933**	**1,759,941,792**	**5,199,528,422**	**3,603,498,934**	**9,029,210,393**
	Total, all industries[2]	**35,792**	**1,171,207**	**2,591,890,657**	**6,843,231,064**	**5,330,566,434**	**12,479,593,300**
	Percentage of leading industries to all industries	65.7	66.5	67.8	76.0	67.6	72.3

1. Not comparable with years prior to 1949.
2. Exclusive of fish processing in Newfoundland.

TABLE 21. Principal Statistics of the Forty Leading Industries of Canada, Ranked According to Gross Value of Products, 1950

No.	Industry	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
		No.	No.	$	$	$	$
1	Pulp and paper	123	52,343	169,246,531	373,882,762	511,142,983	954,137,651
2	Slaughtering and meatpacking	157	20,522	54,532,037	645,353,830	107,701,364	757,043,355
3	Motor vehicles	19	29,355	94,414,819	388,496,630	284,785,098	675,867,467
4	Non-ferrous metal smelting and refining	17	19,863	58,748,362	428,697,787	202,711,781	669,882,806
5	Petroleum products	46	10,056	30,557,596	384,356,381	107,371,118	511,516,392
6	Sawmills	7,551	58,722	111,492,079	252,321,608	239,225,162	496,948,398
7	Primary iron and steel	55	29,051	85,411,927	159,282,919	154,542,373	340,540,042
8	Butter and cheese	1,806	21,022	41,951,621	250,017,648	74,353,823	330,709,143
9	Cotton yarn and cloth	51	26,967	55,220,043	157,835,813	95,309,562	257,383,892
10	Flour mills[1]	118	4,903	11,917,625	213,755,757	31,836,800	247,107,775
11	Rubber goods	61	21,812	54,262,864	101,773,382	134,061,761	239,184,510
12	Clothing, men's, factory	566	32,853	59,301,388	122,603,415	103,346,165	226,659,057
13	Motor vehicle parts	151	19,719	56,092,273	122,088,705	101,516,705	226,539,375
14	Bread and other bakery products	2,608	31,149	60,073,998	109,213,199	98,412,581	214,586,981
15	Clothing, women's, factory[1]	914	28,981	55,864,122	102,712,875	91,419,056	194,636,469
16	Railway rolling stock	38	29,257	73,356,659	110,373,110	79,756,161	194,286,237
17	Machinery, heavy electrical[1]	49	20,825	57,380,065	73,966,855	112,101,686	187,758,282
18	Printing and publishing	787	26,743	68,951,989	50,628,704	129,018,312	181,361,391
19	Foods, miscellaneous n.e.s.	299	7,129	14,198,293	132,139,535	46,505,787	179,607,764
20	Furniture	1,207	27,259	57,111,744	79,803,630	90,624,200	172,331,144
21	Sheet metal products	283	17,049	42,630,287	92,352,260	77,559,028	171,946,702
22	Miscellaneous electrical apparatus and supplies, n.e.s.[1]	145	19,246	49,507,238	74,308,638	94,667,534	170,735,391
23	Fruit and vegetable preparations	444	14,893	24,561,151	94,443,794	64,278,160	161,091,734
24	Sash, door and planing mills.	1,590	19,128	36,924,630	96,907,258	61,711,765	160,719,698
25	Machinery, industrial[1]	303	19,389	51,447,438	55,504,674	102,901,482	160,391,298
26	Feeds, stock and poultry, prepared	568	5,191	10,645,384	128,513,344	25,089,531	155,324,874
27	Agricultural implements	86	16,223	43,284,686	79,123,750	68,356,009	149,500,240
28	Breweries	63	8,311	23,888,605	42,018,271	105,073,118	149,409,487
29	Synthetic textiles and silk	47	17,955	40,111,600	55,518,508	87,763,220	147,047,995
30	Sugar refining	12	3,919	9,535,834	109,713,103	31,939,788	144,872,567
31	Castings, iron	218	17,567	47,718,307	60,200,601	78,528,361	142,361,845
32	Boxes and bags, paper	177	13,302	28,551,880	83,841,025	55,813,164	140,656,880
33	Printing and bookbinding	1,533	22,385	51,452,604	48,228,108	84,863,318	134,277,139
34	Fish processing[2]	591	11,842	18,722,240	79,959,218	46,691,639	128,423,853
35	Brass and copper products	155	8,932	22,893,180	82,380,983	42,010,862	126,200,549
36	Tobacco, cigars and cigarettes	53	8,503	19,511,951	62,681,958	59,383,685	122,429,151
37	Refrigerators, vacuum cleaners and appliances	95	9,518	22,843,556	59,570,593	60,470,530	120,929,701
38	Miscellaneous paper goods	204	9,365	21,349,335	63,929,898	50,042,383	114,990,880
39	Footwear, leather	292	20,785	34,710,042	59,684,259	50,717,873	110,968,680
40	Confectionery	207	10,854	18,451,058	54,520,295	49,223,151	104,853,748
	Total, leading industries[2]	**23,689**	**792,888**	**1,888,827,041**	**5,742,705,093**	**4,092,827,079**	**10,075,220,543**
	Total, all industries[2]	**35,942**	**1,183,297**	**2,771,267,435**	**7,538,534,532**	**5,942,058,229**	**13,817,526,381**
	Percentage of leading industries to all industries	65.9	67.0	68.2	76.1	69.0	72.9

1. Not comparable with years prior to 1949.
2. Exclusive of fish processing in Newfoundland.

Section 4. Principal Factors in Manufacturing Production

The subjects treated under this Section include capital, employment, salaries and wages, size of establishments and power and fuel used in manufacturing.

Subsection 1. Capital Employed

The remarkable increase in capital employed in Canadian manufactures from the beginning of the twentieth century has, of course, run parallel with the rapid growth in industrial operations. From 1900 to 1905 the capital increased from $446,900,000 to $833,900,000, and advanced to $1,958,700,000 in 1915. During this period returns were received from establishments with 5 hands or over, and, while the rise in wholesale prices did not exceed 37 p.c., the capital employed in manufactures increased nearly 340 p.c.

The capital investment in 1943 in all establishments, irrespective of the number of employees, but exclusive of central electric stations, was $6,317,000,000 as compared with $2,234,000,000 in 1917, an increase of 171 p.c., while wholesale prices declined about 13 p.c. in the same period.

Prior to 1944 the following information on capital investment was collected: Fixed Capital—Land, buildings, fixtures, machinery, tools and other equipment. Working Capital—(1) Inventory value of raw materials, stocks in process, fuel and miscellaneous supplies on hand; (2) Inventory value of finished products; (3) Cash, bills and accounts receivable, prepaid expenses, etc.

This was replaced by the collection of expenditure statistics on fixed capital, repairs and maintenance. Although it is now impossible to calculate the total investment in both the fixed and current assets in manufacturing, it is still possible to calculate the investment in fixed assets. By starting with the total investment in 1943 and adding the expenditures to date and then deducting the effective rate of depreciation as given in the annual report on Taxation Statistics, issued by the Department of National Revenue, an estimate of the investment in fixed assets is thus obtained.

Estimated Investment in Fixed Capital (Land, Buildings and Equipment), 1939-50

Year	Additions	Cumulative total at end of year	Effective rate of depreciation[1]	Amount of depreciation	Cumulative depreciation	Balance at end of year	Average investment per employee
	$'000,000	$'000,000	p.c.	$'000,000	$'000,000	$'000,000	$
1939	—	—	—	—	—	2,168.9	3,296
1943	—	—	—	—	—	3,002.9	2,420
1944	211.4	3,214.3	5.6	180.0	180.0	3,034.3	2,481
1945	280.1	3,494.4	3.6	125.8	305.8	3,188.6	2,849
1946	337.2	3,831.6	3.5	134.1	439.9	3,391.7	3,205
1947	527.9	4,359.5	4.5	196.2	636.1	3,723.4	3,290
1948	579.0	4,938.5	5.0	246.9	883.0	4,055.5	3,509
1949	535.8	5,474.3	6.0	328.5	1,211.5	4,262.8	3,640
1950	502.5	5,976.8	6.2	370.6	1,582.1	4,394.7	3,714

1. Taken from the annual report on Taxation Statistics, issued by the Department of National Revenue.

Between 1939 and 1943 there was a drop of $876 in the value of fixed assets per employee. This decline was due to two factors: (1) a decline in the replacement and additions to buildings and equipment, resulting from the restrictions made necessary by the war effort; and (2) an increase in the number of shifts worked which increased the number of employees without a corresponding increase in equipment. After the end of the war investment in fixed assets became increasingly rapid. Old plants were modernized and new plants built to take care of the expanded home market resulting from an increased population and higher purchasing power. The net result in this development was an increase of $418 in the value of buildings and equipment per employee between 1939 and 1950.

Capital expenditures by manufacturers in 1950 totalled $135,400,000 for construction, and $367,100,000 for machinery and equipment, while $346,600,000 went for repairs and maintenance. Of the total capital expenditure amounting to $502,500,000 in 1950, 15.6 p.c. was reported by the paper products group of industries, 15.0 p.c. by the food group, 8.8 p.c. by iron and steel, 6.5 p.c. by petroleum and coal, 5.9 p.c. by wood products, 5.5 p.c. by the textile industries except clothing, 5.4 p.c. by transportation equipment, 5.2 p.c. by chemical products, 4.5 p.c. by non-ferrous metal products, etc.

TABLE 22. Capital, Repair and Maintenance Expenditures by the Manufacturing Industries, by Provinces and Industrial Groups, 1950, with Totals for 1944-49

Year, province or group	Capital expenditures			Repairs and maintenance expenditures		
	Construction	Machinery and equipment	Total	Construction	Machinery and equipment	Total
	$'000,000					
1944	61.3	150.1	211.4	60.7	173.5	234.2
1945	75.9	204.2	280.1	63.1	170.6	233.7
1946	132.2	205.0	337.2	56.8	164.3	221.1
1947	184.7	343.2	527.9	62.4	210.7	273.1
1948	184.8	394.2	579.0	78.9	253.9	332.8
1949	156.6	379.2	535.8	66.7	267.2	333.9
Provinces, 1950						
Newfoundland	2.0	5.5	7.5	1.0	3.0	4.0
Prince Edward Island	0.4	0.5	0.9	0.1	0.2	0.3
Nova Scotia	1.7	5.9	7.6	4.0	5.1	9.1
New Brunswick	1.2	6.3	7.5	1.1	6.4	7.5
Quebec	44.0	108.5	152.5	19.2	81.7	100.9
Ontario	56.1	161.8	217.9	30.2	140.9	171.1
Manitoba	5.7	10.9	16.6	2.1	6.6	8.7
Saskatchewan	2.3	6.2	8.5	0.5	2.6	3.1
Alberta	3.2	13.4	16.6	1.7	6.1	7.8
British Columbia	18.8	48.1	66.9	7.7	26.4	34.1
Totals, 1950	**135.4**	**367.1**	**502.5**	**67.6**	**279.0**	**346.6**
Industrial groups, 1950						
Foods and beverages	26.0	49.2	75.2	10.0	31.6	41.6
Tobacco and tobacco products	1.0	1.6	2.6	0.4	1.3	1.7
Rubber products	0.6	4.1	4.7	0.7	4.6	5.3
Leather products	0.7	1.8	2.5	0.6	2.1	2.7
Textile products (except clothing)	6.6	20.8	27.4	3.5	15.9	19.4
Clothing (textile and fur)	2.5	9.4	11.9	1.4	4.6	6.0
Wood products	8.1	21.3	29.4	5.4	19.4	24.8
Paper products	21.1	57.4	78.5	8.0	51.7	59.7
Printing, publishing and allied trades	5.0	14.4	19.4	1.7	4.1	5.8
Iron and steel products	13.5	30.7	44.2	12.7	41.7	54.4
Transportation equipment	9.9	17.4	27.3	5.7	20.0	25.7
Non-ferrous metal products	8.9	13.5	22.4	4.0	24.6	28.6
Electrical apparatus and supplies	3.1	10.6	13.7	2.0	10.5	12.5
Non-metallic mineral products	4.4	12.0	16.4	1.6	15.7	17.3
Products of petroleum and coal	14.3	18.5	32.8	4.8	9.7	14.5
Chemical products	7.3	19.0	26.3	4.3	19.1	23.4
Miscellaneous industries	2.4	3.6	6.0	0.8	2.4	3.2
Capital items charged to operating expense	–	61.8	61.8	–	–	–

TABLE 23. Capital, Repair and Maintenance Expenditures by the Manufacturing Industries, by Industrial Groups, 1944-50

Group and year	Capital expenditures			Repairs and maintenance expenditures		
	Construction	Machinery and equipment	Total	Construction	Machinery and equipment	Total
	$'000,000					
Foods and beverages						
1944	10.7	11.4	22.1	8.5	21.2	29.7
1945	18.2	16.2	34.4	11.6	19.8	31.4
1946	24.7	28.4	53.1	12.3	20.5	32.8
1947	33.0	49.8	82.8	10.8	25.7	36.5
1948	31.9	56.5	88.4	13.2	28.6	41.8
1949	27.7	60.8	88.5	10.4	30.7	41.1
1950	26.0	49.2	75.2	10.0	31.6	41.6
Tobacco and tobacco products:						
1944[1]	–	–	–	–	–	–
1945[1]	–	–	–	–	–	–
1946	1.2	0.9	2.1	0.5	0.6	1.1
1947	1.0	2.1	3.1	0.5	1.0	1.5
1948	0.8	1.9	2.7	0.5	1.3	1.8
1949	0.3	2.0	2.3	0.4	1.3	1.7
1950	1.0	1.6	2.6	0.4	1.3	1.7

1. Figures not compiled separately; they are, however, included in the total.

TABLE 23. Capital, Repair and Maintenance Expenditures by the Manufacturing Industries, by Industrial Groups, 1944-50 — Continued

Group and year	Capital expenditures			Repairs and maintenance expenditures		
	Construction	Machinery and equipment	Total	Construction	Machinery and equipment	Total equipment
	$'000,000					
Rubber products (including footwear):						
1944[1]	—	—	—	—	—	—
1945[1]	—	—	—	—	—	—
1946	3.9	3.6	7.5	1.1	3.7	4.8
1947	2.4	7.8	10.2	1.3	6.1	7.4
1948	1.5	4.5	6.0	0.9	4.6	5.5
1949	1.7	5.6	7.3	0.6	4.4	5.0
1950	0.6	4.1	4.7	0.7	4.6	5.3
Leather products:						
1944[1]	—	—	—	—	—	—
1945[1]	—	—	—	—	—	—
1946	1.6	1.6	3.2	1.1	2.4	3.5
1947	1.2	2.0	3.2	0.9	2.9	3.8
1948	1.2	2.2	3.4	1.0	2.6	3.6
1949	0.6	2.5	3.1	0.7	2.2	2.9
1950	0.7	1.8	2.5	0.6	2.1	2.7
Textile products (except clothing):						
1944	1.8	4.9	6.7	2.8	7.6	10.4
1945	1.3	7.7	9.0	2.9	8.5	11.4
1946	8.4	16.2	24.6	3.3	10.2	13.5
1947	10.9	25.7	36.6	2.8	12.2	15.0
1948	6.5	29.1	35.6	3.9	14.2	18.1
1949	7.0	29.9	36.9	3.6	14.9	18.5
1950	6.6	20.8	27.4	3.5	15.9	19.4
Clothing (textile and fur):						
1944	2.8	1.1	3.9	3.8	3.3	7.1
1945	9.2	4.4	13.6	2.1	3.1	5.2
1946	2.6	5.8	8.4	2.2	3.8	6.0
1947	3.7	10.3	14.0	1.9	4.7	6.6
1948	2.1	10.2	12.3	2.2	4.8	7.0
1949	3.0	12.7	15.7	1.9	4.9	6.8
1950	2.5	9.4	11.9	1.4	4.6	6.0
Wood products:						
1944	2.9	2.4	5.3	4.6	13.5	18.1
1945	1.6	3.6	5.2	5.3	15.2	20.5
1946	10.9	9.5	20.4	5.7	12.2	17.9
1947	11.4	20.7	32.1	6.5	15.6	22.1
1948	7.9	18.5	26.4	7.1	18.9	26.0
1949	7.5	22.9	30.4	5.7	18.2	23.9
1950	8.1	21.3	29.4	5.4	19.4	24.8
Paper products:						
1944	8.0	6.7	14.7	1.9	32.3	34.2
1945	5.8	10.8	16.6	1.9	34.7	36.6
1946	27.2	27.8	55.0	5.3	28.4	33.7
1947	31.2	49.8	81.0	6.4	37.3	43.7
1948	29.1	60.4	89.5	7.0	47.3	54.3
1949	26.8	65.2	92.0	8.7	51.1	59.8
1950	21.1	57.4	78.5	8.0	51.7	59.7
Printing, publishing and allied trades:						
1944	0.2	2.2	2.4	0.6	3.9	4.5
1945	3.9	2.1	6.0	0.8	5.1	5.9
1946	2.9	4.4	7.3	1.3	2.4	3.7
1947	5.4	8.4	13.8	1.6	3.2	4.8
1948	7.0	12.4	19.4	1.6	3.9	5.5
1949	6.3	16.4	22.7	1.4	3.9	5.3
1950	5.0	14.4	19.4	1.7	4.1	5.8
Iron and steel products:						
1944	10.1	22.2	32.3	6.5	26.2	32.7
1945	12.8	18.5	31.3	7.7	24.6	32.3
1946	14.9	22.0	36.9	8.4	22.8	31.2
1947	16.0	38.9	54.9	10.1	32.4	42.5
1948	19.6	36.7	56.3	12.0	38.4	50.4
1949	14.6	44.9	59.5	12.4	38.9	51.3
1950	13.5	30.7	44.2	12.7	41.7	54.4
Transportation equipment:						
1944	1.6	4.7	6.3	11.0	20.8	31.8
1945	2.2	8.6	10.8	8.1	17.2	25.3
1946	5.4	10.3	15.7	3.7	14.4	18.1
1947	5.2	8.9	14.1	3.1	14.2	17.3
1948	5.4	10.0	15.4	5.3	16.8	22.1
1949	6.7	18.2	24.9	5.3	20.2	25.5
1950	9.9	17.4	27.3	5.7	20.0	25.7

1. Figures not compiled separately; they are, however, included in the total.

TABLE 23. Capital, Repair and Maintenance Expenditures by the Manufacturing Industries, by Industrial Groups, 1944-50 — Concluded

Group and year	Capital expenditures			Repair and maintenance expenditures		
	Construction	Machinery and equipment	Total	Construction	Machinery and equipment	Total
	$'000,000					
Non-ferrous metal products:						
1944	6.4	2.4	8.8	5.0	15.3	20.3
1945	0.7	3.5	4.2	3.8	12.7	16.5
1946	2.3	5.3	7.6	3.1	12.2	15.3
1947	6.7	9.4	16.1	4.7	16.4	21.1
1948	8.9	16.8	25.7	7.8	25.9	33.7
1949	10.4	22.0	32.4	4.4	22.3	26.7
1950	8.9	13.5	22.4	4.0	24.6	28.6
Electrical apparatus and supplies:						
1944[1]	—	—	—	—	—	—
1945[1]	—	—	—	—	—	—
1946	3.0	8.7	11.7	1.2	5.0	6.2
1947	5.3	9.7	15.0	2.0	7.1	9.1
1948	4.8	11.9	16.7	2.2	8.7	10.9
1949	4.8	14.1	18.9	2.0	9.4	11.4
1950	3.1	10.6	13.7	2.0	10.5	12.5
Non-metallic mineral products:						
1944	1.4	1.2	2.6	0.8	6.5	7.3
1945	3.1	2.1	5.2	0.8	7.0	7.8
1946	3.5	4.2	7.7	1.4	8.4	9.8
1947	11.3	10.6	21.9	1.6	9.9	11.5
1948	11.1	17.0	28.1	2.3	13.3	15.6
1949	6.9	15.2	22.1	1.5	14.3	15.8
1950	4.4	12.0	16.4	1.6	15.7	17.3
Products of petroleum and coal:						
1944[1]	—	—	—	—	—	—
1945[1]	—	—	—	—	—	—
1946	5.2	4.6	9.8	2.4	5.2	7.6
1947	23.3	10.4	33.7	3.4	7.8	11.2
1948	29.3	13.4	42.7	6.6	6.3	12.9
1949	18.1	11.6	29.7	3.0	11.0	14.0
1950	14.3	18.5	32.8	4.8	9.7	14.5
Chemical products:						
1944	1.4	1.6	3.0	3.7	8.1	11.8
1945	4.0	3.6	7.6	4.2	7.2	11.4
1946	11.6	8.0	19.6	2.9	10.3	13.2
1947	14.4	19.3	33.7	4.0	12.5	16.5
1948	15.0	26.9	41.9	4.3	15.8	20.1
1949	11.9	30.9	42.8	3.9	17.3	21.2
1950	7.3	19.0	26.3	4.3	19.1	23.4
Miscellaneous industries:						
1944[2]	1.3	81.4[2]	82.7	1.0	1.9	2.9
1945[2]	1.7	110.7[2]	112.4	1.0	1.9	2.9
1946	2.9	43.7	46.6	0.9	1.8	2.7
1947	2.3	59.4	61.7	0.8	1.7	2.5
1948	2.7	65.8	68.5	1.0	2.5	3.5
1949	2.3	4.3	6.6	0.8	2.2	3.0
1950	2.4	3.6	6.0	0.8	2.4	3.2

1. Figures not compiled separately; they are, however, included in the total.
2. Includes allowance for capital items charged to operating expense of $18,000,000 in 1944 and $23,900,000 in 1945.

Subsection 2. Employment in Manufacturing Industries

Monthly Record of Employment. Ordinarily, manufacturing employment in Canada reaches its highest point during the summer months. Some of the seasonal industries, such as canning, are most active then, textile industries are preparing winter goods, and industry generally feels the active demand of the agricultural purchasing power resulting from the prospect of the season's harvest.

After the setback of 1929, employment in 1930, 1931, 1932 and the first half of 1933 declined steadily, the monthly employment figures in each case being lower than the corresponding month of the previous year. The peak of employment in June, 1929, when 575,693 wage-earners were on the payrolls, was surpassed in September, 1937, with 582,305 wage-earners. After the outbreak of war the improvement in employment became increasingly rapid. A record high was reached in August, 1943, when 1,067,890 wage-earners were employed, an increase of 90.4 p.c. over the same month in 1939. The highest employment during 1944 occurred in June when 1,049,557 wage-earners were employed. From then on employment declined steadily to the end of 1945 when 819,619 wage-earners were reported. At the end of 1950 there were 952,529 wage-earners employed, compared with an employment of 961,820 wage-earners in December, 1944, and 1,021,630 in December 1943.

TABLE 24. Wage-earners Employed in the Manufacturing Industries, by Months and Sex, Significant Years, 1922-50

Month	1922	1929	1933	1939	1943	1948	1949	1950
	All wage-earners							
January	324,257	502,644	340,027	490,337	1,023,261	932,286	928,077	894,928
February	336,729	519,423	347,777	496,100	1,030,878	934,038	932,356	903,560
March	349,110	536,866	355,888	503,475	1,036,648	934,058	937,714	911,789
April	360,248	555,711	358,759	509,739	1,033,748	940,627	944,307	918,665
May	382,504	574,905	377,659	530,864	983,058	959,926	961,137	946,716
June	393,935	575,693	392,196	531,245	1,058,645	978,438	973,324	968,616
July	391,186	573,554	393,464	529,575	1,056,975	974,409	964,813	973,640
August	389,511	567,022	402,249	543,605	1,067,890	984,736	975,114	979,105
September	392,423	564,796	410,954	562,355	1,066,595	986,472	970,324	997,603
October	385,262	553,338	405,757	568,564	1,053,486	966,610	951,017	987,667
November	378,992	527,213	396,384	563,117	1,049,738	955,543	934,576	976,936
December	367,724	499,893	380,612	544,817	1,021,630	925,625	906,851	952,529
	Male							
January	243,682	397,459	257,445	381,997	751,269	715,907	716,005	689,306
February	253,178	410,865	260,728	385,955	755,181	718,077	719,374	695,759
March	263,849	426,713	267,259	391,623	757,702	722,776	725,953	702,670
April	274,821	443,560	271,348	398,982	755,888	729,914	732,906	710,732
May	294,095	459,783	285,705	416,963	764,158	746,892	747,614	737,394
June	304,395	460,294	296,937	417,975	776,003	762,229	757,575	755,694
July	304,020	459,051	300,329	417,987	779,687	758,329	750,579	761,118
August	301,234	449,721	302,969	421,895	777,733	759,773	747,518	756,616
September	298,918	441,510	304,908	431,509	767,043	754,871	739,768	765,769
October	291,973	432,576	301,315	437,220	754,484	740,058	725,853	759,406
November	286,511	412,114	294,945	432,920	753,211	732,009	715,188	751,899
December	277,854	391,903	285,690	422,538	738,073	713,613	700,141	740,715
	Female							
January	80,575	105,185	82,582	108,340	271,992	216,379	212,072	205,622
February	83,551	108,558	87,049	110,205	275,697	215,961	212,982	207,801
March	85,261	110,153	88,629	111,852	278,946	211,282	211,761	209,119
April	85,427	112,142	87,411	110,757	277,860	210,713	211,401	207,933
May	88,409	115,122	91,954	113,901	218,900	213,034	213,523	209,322
June	89,540	115,399	95,259	113,270	282,642	216,209	215,749	212,922
July	87,166	114,503	93,135	111,588	277,288	216,080	214,234	212,522
August	88,277	117,301	99,280	121,710	290,157	224,963	227,596	222,489
September	93,505	123,286	106,046	130,846	299,552	231,001	230,556	231,834
October	93,289	120,762	104,442	131,344	209,002	226,552	225,164	228,261
November	92,481	115,099	101,439	130,197	296,527	223,534	219,388	225,037
December	89,870	107,990	94,922	122,279	283,557	212,012	206,710	211,814

TABLE 25. Wage-earners Employed in the Manufacturing Industries, by Months, Sex and Provinces, 1949 and 1950

	1949			1950		
	Male	Female	Total	Male	Female	Total
	Number					
Newfoundland:						
January	4,029	720	4,749	3,337	632	3,969
February	4,106	719	4,825	3,513	637	4,150
March	4,145	711	4,856	3,622	663	4,285
April	4,348	766	5,114	3,956	712	4,668
May	4,734	818	5,552	4,322	733	5,055
June	4,703	839	5,542	4,669	766	5,435
July	4,650	864	5,514	4,593	777	5,370
August	4,730	891	5,621	4,708	800	5,508
September	4,443	859	5,302	4,532	829	5,361
October	4,447	832	5,279	4,495	790	5,285
November	4,055	785	4,840	4,195	825	5,020
December	3,662	758	4,420	3,845	782	4,627
Prince Edward Island:						
January	613	215	828	655	244	899
February	638	190	828	660	158	818
March	707	179	886	699	157	856
April	836	131	967	875	221	1,096
May	1,388	766	2,154	1,364	765	2,129
June	1,322	700	2,022	1,257	696	1,953
July	988	378	1,366	944	468	1,412
August	1,131	570	1,701	1,110	596	1,706
September	989	445	1,434	1,050	542	1,592
October	955	350	1,305	941	316	1,257
November	814	257	1,071	873	259	1,132
December	716	192	908	786	275	1,061

TABLE 25. Wage-earners Employed in the Manufacturing Industries, by Months, Sex and Provinces, 1949 and 1950 — Continued

Province	1949			1950		
	Male	Female	Total	Male	Female	Total
	Number					
Nova Scotia:						
January	20,106	3,104	23,210	18,647	3,246	21,893
February	20,023	3,020	23,043	18,806	2,928	21,734
March	20,442	2,923	23,365	19,076	2,920	21,996
April	21,139	3,163	24,302	19,646	3,029	22,675
May	23,312	3,921	27,233	21,366	3,751	25,117
June	24,097	4,078	28,175	22,087	3,815	25,902
July	23,717	3,891	27,608	22,035	3,667	25,702
August	22,630	3,770	26,400	21,634	3,685	25,319
September	21,438	3,710	25,148	20,913	3,770	24,683
October	20,730	3,611	24,341	21,183	3,705	24,888
November	20,030	3,543	23,573	20,846	3,709	24,555
December	18,756	3,088	21,844	20,375	3,461	23,836
New Brunswick:						
January	14,894	3,183	18,077	14,425	3,006	17,431
February	15,355	3,261	18,616	14,828	2,926	17,754
March	15,808	3,049	18,857	15,714	2,846	18,560
April	16,347	3,055	19,402	15,841	2,810	18,651
May	18,227	4,087	22,314	17,990	4,159	22,149
June	18,130	4,280	22,410	18,848	4,783	23,631
July	17,883	4,049	21,932	18,636	4,474	23,110
August	17,411	4,382	21,793	18,297	4,837	23,134
September	16,721	3,991	20,712	17,822	4,312	22,134
October	15,439	3,538	18,977	16,640	3,794	20,434
November	14,340	3,152	17,492	15,571	3,284	18,855
December	14,069	2,808	16,877	15,119	2,990	18,109
Quebec:						
January	223,332	91,054	314,386	211,851	88,415	300,266
February	223,989	92,049	316,038	213,306	90,039	303,345
March	224,846	91,674	316,520	214,654	90,840	305,494
April	229,134	90,488	319,622	219,338	89,565	308,903
May	233,054	89,265	322,319	226,848	88,640	315,488
June	235,900	88,277	324,177	232,006	87,085	319,091
July	234,050	88,184	322,234	233,018	86,876	319,894
August	232,062	91,593	323,655	233,846	91,576	325,422
September	229,543	93,874	323,417	233,647	95,029	328,676
October	224,605	92,962	317,567	230,716	94,862	325,578
November	220,074	91,447	311,521	226,860	93,936	320,796
December	214,282	87,389	301,671	223,443	89,998	313,441
Ontario:						
January	347,219	75,343	422,562	236,309	92,352	328,661
February	349,142	95,082	444,224	337,876	93,070	430,946
March	350,780	94,363	445,143	338,243	93,291	431,534
April	352,855	94,040	446,895	341,575	92,883	434,458
May	356,099	94,071	450,170	353,303	92,271	445,574
June	359,965	96,365	456,330	360,973	94,695	455,668
July	355,175	93,794	448,969	363,343	93,171	456,514
August	356,743	101,886	458,629	358,445	97,700	456,145
September	354,596	104,358	458,954	369,987	104,826	474,813
October	348,344	102,597	450,941	369,051	103,274	472,325
November	344,742	100,095	444,837	368,171	102,478	470,649
December	340,906	94,066	434,972	364,575	96,056	460,631
Manitoba:						
January	25,400	7,860	33,260	25,029	7,530	32,559
February	25,317	8,148	33,465	25,164	7,619	32,783
March	25,244	7,949	33,193	25,356	7,589	32,945
April	25,640	8,145	33,785	25,206	7,575	32,781
May	26,158	8,170	34,328	25,101	7,145	32,246
June	26,590	8,105	34,695	25,709	7,525	33,234
July	26,727	8,317	35,044	25,931	7,686	33,617
August	26,659	8,593	35,252	25,977	7,766	33,743
September	26,606	8,496	35,102	26,092	8,025	34,117
October	26,339	8,366	34,705	25,924	8,210	34,134
November	26,260	8,111	34,371	25,861	7,833	33,694
December	25,372	7,577	32,949	25,518	7,393	32,911
Saskatchewan:						
January	6,674	857	7,531	6,375	875	7,250
February	6,999	878	7,877	6,524	899	7,423
March	7,357	915	8,272	6,681	912	7,593
April	7,093	1,006	8,099	6,718	940	7,658
May	6,976	1,110	8,086	6,829	1,013	7,842
June	7,145	1,180	8,325	6,993	1,069	8,062
July	7,238	1,124	8,362	7,068	1,060	8,128
August	7,102	1,103	8,205	6,918	1,008	7,926
September	6,797	1,074	7,871	6,692	980	7,672
October	6,849	1,052	7,901	6,542	941	7,483
November	7,004	1,012	8,016	6,563	905	7,468
December	6,658	952	7,610	6,402	877	7,279

TABLE 25. Wage-earners Employed in the Manufacturing Industries, by Months, Sex and Provinces, 1949 and 1950 — Concluded

Province	1949			1950		
	Male	Female	Total	Male	Female	Total
	Number					
Alberta:						
January	18,582	2,672	21,254	18,754	2,710	21,464
February	18,650	2,758	21,408	18,677	2,660	21,337
March	18,869	2,825	21,694	19,093	2,740	21,833
April	16,477	2,901	19,378	16,928	2,787	19,715
May	16,541	3,057	19,598	16,795	2,871	19,666
June	16,919	3,171	20,090	17,398	2,994	20,392
July	17,309	3,457	20,766	17,884	3,416	21,300
August	17,193	3,590	20,783	17,616	3,368	20,984
September	17,222	3,444	20,666	17,481	3,136	20,617
October	17,568	3,203	20,771	17,886	2,976	20,862
November	18,489	3,026	21,515	18,836	2,944	21,780
December	18,758	2,998	21,756	19,315	2,811	22,126
British Columbia:						
January	55,099	7,057	62,156	53,897	6,603	60,500
February	55,086	6,870	61,956	56,378	6,856	63,234
March	57,677	7,166	64,843	59,486	7,147	66,633
April	58,943	7,699	66,642	60,593	7,395	67,988
May	61,017	7,251	68,268	63,376	7,958	71,334
June	62,685	8,746	71,431	65,649	9,477	75,126
July	62,723	10,168	72,891	67,562	10,908	78,470
August	61,739	11,210	72,949	67,962	11,135	79,097
September	61,293	10,298	71,591	67,447	10,369	77,816
October	60,509	8,646	69,155	65,963	9,378	75,341
November	59,332	7,955	67,287	64,091	8,853	72,944
December	56,922	6,877	63,799	61,313	7,161	68,474
Yukon and Northwest Territories:						
January	57	7	64	27	9	36
February	69	7	76	27	9	36
March	78	7	85	46	14	60
April	94	7	101	56	16	72
May	108	7	115	100	16	116
June	119	8	127	105	17	122
July	119	8	127	104	19	123
August	118	8	126	103	18	121
September	120	7	127	106	16	122
October	68	7	75	65	15	80
November	48	5	53	32	11	43
December	40	5	45	24	10	34

TABLE 26. Wage-earners Employed in the Manufacturing Industries, by Months, Sex and Industrial Groups, 1949 and 1950

	1949			1950		
	Male	Female	Total	Male	Female	Total
	Number					
Foods and beverages:						
January	91,166	26,842	118,008	90,335	26,793	117,128
February	89,843	26,251	116,094	89,395	26,722	116,117
March	89,795	25,849	115,644	89,886	27,325	117,211
April	94,467	28,033	122,500	93,898	28,422	122,320
May	101,551	32,929	134,480	100,740	32,677	133,417
June	109,503	36,611	146,114	107,003	37,438	144,441
July	111,459	37,828	149,287	110,750	39,125	149,875
August	115,493	46,725	162,218	109,525	42,531	152,056
September	112,646	46,119	158,765	109,424	45,779	155,203
October	106,032	38,649	144,681	104,583	38,497	143,080
November	102,565	33,989	136,554	100,503	34,734	135,237
December	95,941	28,189	124,130	94,713	27,792	122,505
Tobacco and tobacco products:						
January	4,347	6,619	10,966	4,373	6,196	10,569
February	4,240	6,485	10,725	4,184	6,238	10,422
March	3,391	5,692	9,083	3,592	6,015	9,607
April	3,081	5,535	8,616	2,947	5,242	8,189
May	2,955	5,598	8,553	2,882	5,204	8,086
June	2,979	5,625	8,604	2,880	5,177	8,057
July	2,940	5,459	8,399	2,884	5,181	8,065
August	2,972	5,432	8,404	2,898	5,185	8,083
September	3,045	5,621	8,666	3,024	5,206	8,230
October	3,005	5,503	8,508	2,947	5,181	8,128
November	3,716	6,035	9,751	3,340	5,161	8,501
December	4,198	6,231	10,429	4,001	5,851	9,852

TABLE 26. Wage-earners Employed in the Manufacturing Industries, by Months, Sex and Industrial Groups, 1949 and 1950 — Continued

	1949			1950		
	Male	Female	Total	Male	Female	Total
	Number					
Rubber products:						
January	12,869	4,326	17,195	12,304	4,149	16,453
February	12,581	4,125	16,706	12,289	4,149	16,438
March	12,289	4,038	16,327	12,134	4,128	16,262
April	12,002	3,889	15,891	12,058	4,106	16,164
May	11,829	3,899	15,728	12,194	4,103	16,297
June	11,775	3,951	15,726	12,541	4,119	16,660
July	11,753	3,947	15,700	12,717	4,106	16,823
August	11,810	4,096	15,906	13,043	4,272	17,315
September	12,011	4,461	16,472	13,323	4,496	17,819
October	11,294	4,496	15,790	13,574	4,714	18,288
November	11,314	4,440	15,754	13,552	4,755	18,307
December	12,160	4,185	16,345	13,515	4,477	17,992
Leather products:						
January	17,891	12,352	30,243	17,258	11,994	29,252
February	18,165	12,704	30,869	17,546	12,408	29,954
March	18,231	12,741	30,972	17,522	12,346	29,868
April	18,125	12,721	30,846	17,170	11,886	29,056
May	18,041	12,732	30,773	16,483	11,172	27,655
June	18,110	12,514	30,624	16,159	11,145	27,304
July	18,111	12,529	30,640	16,495	11,442	27,937
August	18,282	12,807	31,089	16,827	11,996	28,823
September	18,138	13,040	31,178	17,157	12,352	29,509
October	18,001	12,788	30,789	17,237	12,376	29,613
November	17,852	12,503	30,355	17,110	12,036	29,146
December	17,339	12,019	29,358	17,018	11,760	28,778
Textile products (except clothing):						
January	42,513	27,869	70,382	42,627	26,013	68,640
February	42,775	27,813	70,588	42,835	26,125	68,960
March	42,440	27,550	69,990	42,852	26,045	68,897
April	41,743	26,628	68,371	42,347	25,826	68,173
May	40,221	25,466	65,687	42,011	25,220	67,231
June	40,097	25,298	65,395	42,057	25,348	67,405
July	40,464	25,512	65,976	42,206	24,996	67,202
August	40,344	25,710	66,054	42,747	25,776	68,523
September	40,775	25,488	66,263	43,679	26,634	70,313
October	41,600	25,924	67,524	44,499	27,326	71,825
November	42,053	26,088	68,141	45,208	27,641	72,849
December	42,120	25,731	67,851	45,061	27,330	72,391
Clothing (textile and fur):						
January	31,545	70,815	102,360	30,793	68,812	99,605
February	31,873	72,212	104,085	31,142	70,029	101,171
March	31,927	72,807	104,734	31,484	71,173	102,657
April	31,867	71,954	103,821	30,925	70,281	101,206
May	31,265	70,378	101,643	30,507	68,459	98,966
June	30,916	68,965	99,881	30,170	66,305	96,475
July	31,073	66,732	97,805	30,427	64,461	94,888
August	31,667	69,310	100,977	31,127	67,578	98,705
September	31,936	71,243	103,179	31,563	70,020	101,583
October	31,709	71,750	103,459	31,605	70,927	102,532
November	31,206	70,573	101,779	31,324	70,870	102,194
December	30,804	67,430	98,234	30,971	67,917	98,888
Wood products:						
January	84,986	5,177	90,163	81,785	4,737	86,522
February	87,141	5,137	92,278	86,607	4,930	91,537
March	93,343	5,177	98,520	93,278	4,976	98,254
April	97,756	5,199	102,955	97,216	4,970	102,186
May	105,995	5,285	111,280	108,033	5,088	113,121
June	109,504	5,328	114,832	113,705	5,159	118,864
July	105,415	5,250	110,665	111,023	5,202	116,225
August	100,051	5,176	105,227	107,404	5,341	112,745
September	95,659	5,143	100,802	103,670	5,373	109,043
October	90,775	5,247	96,022	99,056	5,511	104,567
November	86,614	5,160	91,774	93,640	5,438	99,078
December	82,444	4,879	87,323	88,837	5,255	94,092
Paper products:						
January	54,669	8,542	63,211	52,374	8,368	60,742
February	54,596	8,384	62,980	52,454	8,360	60,814
March	54,247	8,373	62,620	52,700	8,343	61,043
April	54,128	8,302	62,430	53,230	8,271	61,501
May	55,978	8,325	64,303	55,593	8,304	63,897
June	57,117	8,452	65,569	57,788	8,593	66,381
July	56,976	8,391	65,367	58,431	8,388	66,819
August	56,327	8,566	64,893	58,695	8,675	67,370
September	56,158	8,872	65,030	58,064	8,943	67,007
October	55,361	9,127	64,488	57,455	9,180	66,635
November	53,864	9,075	62,939	56,331	9,253	65,584
December	52,898	8,805	61,703	55,323	8,828	64,151

TABLE 26. Wage-earners Employed in the Manufacturing Industries, by Months, Sex and Industrial Groups, 1949 and 1950 — Continued

	1949			1950		
	Male	Female	Total	Male	Female	Total
	Number					
Printing, publishing and allied industries:						
January	29,189	9,064	38,253	30,072	8,847	38,919
February	29,334	9,188	38,522	30,108	8,925	39,033
March	29,445	8,791	38,236	30,235	8,762	38,997
April	29,503	8,662	38,165	30,278	8,701	38,979
May	29,706	8,824	38,530	30,327	8,715	39,042
June	29,884	9,120	39,004	30,584	9,020	39,604
July	29,163	9,008	38,171	30,628	8,927	39,555
August	29,329	9,108	38,437	30,509	8,883	39,392
September	29,201	8,860	38,061	30,508	9,133	39,641
October	29,468	9,052	38,520	30,625	9,313	39,938
November	29,871	9,252	39,123	30,940	9,708	40,648
December	30,209	8,951	39,160	30,888	8,933	39,821
Iron and steel products:						
January	132,801	6,824	139,625	120,577	6,616	127,193
February	132,645	6,839	139,484	120,207	6,572	126,779
March	132,524	6,857	139,381	121,366	6,596	127,962
April	130,881	6,840	137,721	122,092	6,658	128,750
May	129,453	6,809	136,262	123,071	6,708	129,779
June	128,811	6,851	135,662	124,516	6,789	131,305
July	125,562	6,831	132,393	124,906	6,734	131,640
August	124,463	6,820	131,283	128,156	7,028	135,184
September	124,012	6,814	130,826	130,367	7,251	137,618
October	123,043	6,834	129,877	131,818	7,468	139,286
November	123,466	6,733	130,199	132,375	7,481	139,856
December	122,123	6,561	128,684	133,250	7,484	140,734
Transportation equipment:						
January	83,854	3,053	86,907	81,455	3,107	84,562
Febraury	86,133	3,154	89,287	82,699	3,154	85,853
March	87,626	3,262	90,888	80,106	3,036	83,142
April	88,137	3,175	91,312	79,350	3,037	82,387
May	88,535	3,046	91,581	83,239	3,248	86,487
June	87,055	3,092	90,147	83,842	3,336	87,178
July	86,920	3,033	89,953	85,259	3,352	88,611
August	85,447	3,063	88,510	79,031	3,227	82,258
September	85,931	3,185	89,116	87,663	3,594	91,257
October	85,845	3,201	89,046	87,406	3,637	91,043
November	83,908	3,200	87,108	88,669	3,660	92,329
December	82,833	3,141	85,974	89,840	3,577	93,417
Non-ferrous metal products:						
January	33,470	3,601	37,071	31,209	3,277	34,486
February	33,915	3,587	37,502	31,156	3,379	34,535
March	34,413	3,514	37,927	31,512	3,356	34,868
April	33,902	3,434	37,336	31,794	3,200	34,994
May	33,733	3,362	37,095	32,350	3,088	35,438
June	33,180	3,363	36,543	32,499	3,039	35,538
July	32,786	3,346	36,132	32,520	3,112	35,632
August	32,554	3,501	36,055	33,122	3,315	36,437
September	31,754	3,524	35,278	33,712	3,389	37,101
October	31,597	3,622	35,219	34,342	3,526	37,868
November	31,487	3,673	35,160	34,657	3,576	38,233
December	31,426	3,422	34,848	34,882	3,320	38,202
Electrical apparatus and supplies:						
January	31,632	11,670	43,302	30,807	11,653	42,460
February	31,429	11,752	43,181	31,256	11,561	42,817
March	31,308	11,833	43,141	31,670	11,642	43,312
April	31,273	11,743	43,016	31,967	11,844	43,811
May	31,028	11,594	42,622	32,313	11,901	44,214
June	30,367	11,055	41,422	32,943	11,993	44,936
July	30,124	10,973	41,097	33,139	12,141	45,280
August	30,616	11,306	41,922	33,553	12,699	46,252
September	30,830	11,603	42,433	34,257	13,209	47,466
October	31,216	11,817	43,033	34,772	13,639	48,411
November	31,008	11,960	42,968	35,137	13,784	48,921
December	30,945	11,690	42,635	34,822	13,347	48,169
Non-metallic mineral products:						
January	20,505	1,827	22,332	19,978	1,732	21,710
February	20,164	1,888	22,052	20,210	1,764	21,974
March	20,476	1,898	22,374	20,456	1,795	22,251
April	21,254	1,953	23,207	21,375	1,816	23,191
May	22,038	1,980	24,018	22,834	1,795	24,629
June	22,791	1,950	24,741	23,839	1,809	25,648
July	22,883	2,021	24,904	24,466	1,904	26,370
August	23,134	2,068	25,202	24,416	1,962	26,378
September	22,737	2,067	24,804	24,111	1,967	26,078
October	22,145	1,999	24,144	23,986	2,052	26,038
November	21,677	1,896	23,573	23,700	2,074	25,774
December	20,456	1,820	22,276	22,741	1,998	24,739

TABLE 26. Wage-earners Employed in the Manufacturing Industries, by Months, Sex and Industrial Groups, 1949 and 1950 — Concluded

	1949			1950		
	Male	Female	Total	Male	Female	Total
	Number					
Products of petroleum and coal:						
January	10,593	88	10,681	10,242	78	10,320
February	10,576	89	10,665	10,127	77	10,204
March	10,604	90	10,694	10,134	83	10,217
April	10,736	88	10,824	10,188	88	10,276
May	10,925	90	11,015	10,353	87	10,440
June	11,023	92	11,115	10,508	88	10,596
July	10,711	92	10,803	10,592	90	10,682
August	10,594	92	10,686	10,556	89	10,645
September	10,645	92	10,737	10,435	85	10,520
October	10,368	90	10,458	10,435	83	10,518
November	10,329	87	10,416	10,358	78	10,436
December	10,430	85	10,515	10,281	75	10,356
Chemicals and allied products:						
January	21,562	5,121	26,683	20,835	4,961	25,796
February	21,540	5,117	26,657	21,143	4,944	26,087
March	21,571	5,097	26,668	21,443	4,971	26,414
April	21,802	5,095	26,897	21,642	5,020	26,662
May	22,058	5,069	27,127	21,959	5,090	27,049
June	21,926	5,307	27,233	21,974	5,174	27,148
July	21,605	5,261	26,866	22,039	5,187	27,226
August	21,571	5,423	26,994	22,056	5,207	27,263
September	21,314	5,472	26,786	21,882	5,243	27,125
October	21,388	5,496	26,884	22,095	5,407	27,502
November	21,246	5,470	26,716	22,033	5,367	27,400
December	21,146	5,156	26,302	21,872	5,091	26,963
Miscellaneous industries:						
January	12,413	8,282	20,695	12,282	8,289	20,571
February	12,424	8,257	20,681	12,401	8,464	20,865
March	12,323	8,192	20,515	12,300	8,527	20,827
April	12,249	8,150	20,399	12,255	8,565	20,820
May	12,303	8,137	20,440	12,505	8,463	20,968
June	12,537	8,175	20,712	12,686	8,390	21,076
July	12,334	8,021	20,655	12,636	8,174	20,810
August	12,864	8,393	21,257	12,951	8,725	21,676
September	12,976	8,952	21,928	12,930	9,160	22,090
October	13,006	9,569	22,575	12,971	9,424	22,395
November	13,012	9,254	22,266	13,022	9,421	22,443
December	12,669	8,415	21,084	12,700	8,779	21,479

Subsection 3. Hours worked in Manufacturing Industries

Hours Worked by Wage-Earners. From 1932, the first year for which figures on hours worked per week by wage-earners are available, to 1945, each firm was required to report the number of hours worked by all its wage-earners during the month in which the greatest number had been employed, the only exception being the years 1938 and 1939 when one week in a month of normal employment was reported. In 1938 the number of hours worked per week were compiled by sex, and a change was also made in the analysis of the weekly hours worked. Since 1940 the hours worked per week include overtime while prior to that overtime was excluded. These changes make it impossible to measure accurately the changes in the number of hours worked per week. In any case, the figures in Table 25 do not refer to any particular month, since the month of highest employment might be May for one firm and October for another; they represent the summation of the different months of highest employment as reported by all firms. For a given industry, however, the month of highest employment is more significant as in this case it coincides for a great number of firms engaged in the same industry.

For all wage-earners, the hours worked per week declined from 48.9 in 1932 to 47.2 in 1939, and reached 50.6 in 1941, some of the increase no doubt being due to the inclusion of overtime. Since then there was a counter movement in the hours worked, especially among females, due to the employment of many workers on a part-time basis. Whereas in 1939 there were only 2.8 p.c. of male and 5.3 p.c. of female wage-earners working under 30 hours per week, in 1944 these percentages rose to 5.3 and 12.5 respectively. Since the end of the war the normal working week has been dropping steadily. In 1945 average hours per week for male wage-earners totalled 47.6 and for females 42.7.

The method of collecting statistics on hours worked was changed in 1946. Instead of collecting this information for one week in the month of highest employment which varied from plant to plant, the last week in November was chosen for the base period. The question on hours worked was taken out of the annual schedules used in connection with the census of manufactures and this information is now collected by the Employment Statistics Section. Establishments employing 15 hands or over only are covered. The statistics for 1946 to 1950 are, therefore, not exactly comparable with those for earlier years which include all establishments, both large and small.

For 1950 employees were classified on the basis of earnings per week instead of hours worked. For this reason the distribution of employees by hours worked per week is not available. It is the intention in future to classify employees one year on the basis of hours worked, and the following year on the basis of weekly earnings. See Tables 39 to 41 for the distribution of employees by weekly earnings.

Salaried employees as a rule work shorter hours than wage-earners as the following figures for 1950 indicate.

	Wage-Earners	Salaried Employees
Both sexes	43.5	39.7
Male	44.6	40.2
Female	40.0	38.4

TABLE 27. Wage-Earners in Manufacturing, Working Specified Numbers of Hours per Week in the Month of Highest Employment, 1938-45[1]

Note. Hours worked per week in 1932-37 are given at p. 386 of the 1942 edition of the Canada Year Book; in 1940 at p. 392 of the 1943-44 edition.

Hours Worked per Week	1938	1939	1942	1943	1944	1945
	p.c.					
All Wage-Earners:						
30 or less	4.1	3.4	4.3	6.2	7.4	7.4
31-43	16.9	14.6	8.6	10.7	12.7	16.2
44	14.3	13.8	7.7	7.4	9.5	12.1
45-47	11.3	10.9	7.0	8.3	9.1	10.8
48	20.7	22.2	21.4	20.5	20.6	21.4
49-50	10.6	11.2	9.2	9.6	9.8	9.8
51-54	6.7	7.9	12.9	12.5	10.8	8.4
55	3.5	4.1	5.6	5.2	4.4	3.2
56-64	10.4	10.4	16.9	14.6	11.8	7.6
65 or over	1.5	1.5	6.4	5.0	3.9	3.1
	100.0	100.0	100.0	100.0	100.0	100.0
Average Hours per Week	**46.7**	**47.2**	**50.2**	**48.8**	**47.5**	**46.2**
Male Wage-Earners:						
30 or less	3.4	2.8	3.6	4.6	5.3	5.4
31-43	16.6	14.2	7.0	7.9	9.8	13.1
44	13.1	12.7	6.9	6.2	9.0	11.7
45-47	10.5	10.0	5.6	7.2	7.9	9.8
48	21.3	22.8	21.7	21.5	21.5	22.9
49-50	10.0	10.6	8.4	8.8	9.5	10.0
51-54	7.4	8.2	12.6	13.2	11.9	9.5
55	3.6	4.4	5.8	5.7	5.0	3.8
56-64	12.3	12.5	20.4	18.3	15.1	9.7
65 or over	1.8	1.8	8.0	6.6	5.0	4.1
	100.0	100.0	100.0	100.0	100.0	100.0
Average Hours per Week	**47.3**	**48.1**	**51.3**	**50.4**	**49.1**	**47.6**
Female Wage-Earners						
30 or less	6.7	5.3	6.2	10.0	12.5	12.3
31-43	17.9	15.8	13.0	17.6	20.1	23.8
44	18.3	17.8	9.9	10.3	10.8	13.2
45-47	14.2	13.9	11.1	11.2	12.2	13.2
48	18.8	20.4	20.8	18.2	18.4	17.7
49-50	12.6	13.2	11.5	11.6	10.5	9.1
51-54	4.5	6.6	13.5	10.7	8.2	5.7
55	3.1	3.5	4.9	4.0	2.9	1.9
56-64	3.5	3.2	7.2	5.3	3.4	2.4
65 or over	.4	.3	1.9	1.1	1.0	.7
	100.0	100.0	100.0	100.0	100.0	100.0
Average Hours per Week	**44.6**	**45.2**	**46.9**	**44.8**	**43.6**	**42.7**

1. For 1938 and 1939, the hours worked do not include overtime, while for 1940 to 1945 overtime is included.

TABLE 28. Wage-Earners in Manufacturing Working Specified Numbers of Hours During the Last Week in November, 1946-49[1]

Hours Worked per Week	1946	1947	1948	1949	1950
			p.c.		
All Wage-Earners:					
30 or less	6.7	6.7	6.1	6.3	
31-34	10.8	2.9	3.0	3.1	
35-39		7.8	8.4	8.5	
40	9.9	12.2	13.2	15.3	
41-43	11.5	10.6	10.9	11.1	
44	10.3	8.5	9.3	8.6	
45-47	18.2	18.7	18.9	18.8	
48	13.7	12.9	11.8	10.7	
49-50	6.6	6.5	6.1	5.7	
51-53	5.4	4.3	4.0	3.9	
54		1.3	1.3	1.2	
55-64	6.0	6.5	6.0	5.9	
65 or over	0.9	1.1	1.0	0.9	
	100.0	100.0	100.0	100.0	
Average Hours per Week	**43.7**	**43.7**	**43.6**	**43.3**	**43.5**
Male Wage-Earners:					
30 or less	4.7	4.6	4.4	4.3	
31-34	8.0	2.1	2.2	2.3	
35-39		6.1	6.4	6.7	
40	9.6	11.9	12.9	15.5	
41-43	10.6	9.2	9.9	10.4	
44	10.7	8.7	9.7	8.8	
45-47	18.8	19.7	19.4	19.2	
48	15.8	15.0	13.9	12.5	
49-50	7.1	7.0	6.6	6.3	
51-53	6.3	4.9	4.6	4.4	
54		1.6	1.5	1.3	
55-64	7.3	7.8	7.3	7.1	
65 or over	1.1	1.4	1.2	1.2	
	100.0	100.0	100.0	100.0	
Average Hours per Week	**44.9**	**44.9**	**44.7**	**44.4**	**44.6**
Female Wage-Earners:					
30 or less	13.1	13.7	12.2	12.8	
31-34	19.7	5.5	5.6	5.8	
35-39		13.6	15.0	14.6	
40	10.8	13.4	14.1	14.8	
41-43	14.6	15.0	14.5	13.3	
44	8.9	7.8	7.9	7.9	
45-47	16.1	15.9	17.4	17.5	
48	7.1	5.7	5.1	4.5	
49-50	5.0	4.9	4.1	3.9	
51-53	2.5	2.0	2.0	2.3	
54		0.5	0.5	0.5	
55-64	2.1	1.9	1.5	2.0	
65 or over	0.1	0.1	0.1	0.1	
	100.0	100.0	100.0	100.0	
Average Hours per Week	**40.0**	**39.7**	**39.8**	**39.8**	**40.0**

1. Includes only establishments employing 15 hands or over. Information not collected in 1950.

TABLE 29. Average Hours Worked per Week in the Manufacturing Industries of Canada, by Provinces, 1938-50[1]

Province and Year	Wage-earners			Salaried employees[2]		
	All wage-earners	Male	Female	All salaried employees	Male	Female
	Number					
Canada:						
1938	46.7	47.3	44.6	–	–	–
1939	47.2	48.1	45.2	–	–	–
1940	50.1	50.9	47.3	–	–	–
1941	50.5	51.5	47.6	–	–	–
1942	50.2	51.3	46.9	–	–	–
1943	48.8	50.4	44.8	–	–	–
1944	47.5	49.1	43.6	–	–	–
1945	46.2	47.6	42.7	–	–	–
1946	43.7	44.9	40.0	41.1	42.0	39.5
1947	43.7	44.9	39.7	40.4	41.2	38.9
1948	43.6	44.7	39.8	40.3	41.1	38.8
1949	43.3	44.4	39.8	40.1	40.8	38.6
1950	43.5	44.6	40.0	39.7	40.2	38.4
Newfoundland:						
1950	46.9	47.7	41.9	42.6	43.5	39.9
Prince Edward Island:						
1938	52.7	52.2	53.3	–	–	–
1939	49.6	49.7	49.2	–	–	–
1940	52.1	53.1	48.3	–	–	–
1941	51.3	51.9	48.8	–	–	–
1942	51.5	51.7	50.8	–	–	–
1943	55.3	56.0	52.8	–	–	–
1944	53.0	56.3	44.5	–	–	–
1945	50.6	50.6	50.5	–	–	–
1946	46.3	46.9	45.0	–	–	–
1947	45.3	47.0	40.3	–	–	–
1948	45.8	46.7	42.6	–	–	–
1949	47.7	48.1	46.8	–	–	–
1950	44.0	46.0	39.2	41.0	41.0	41.1
Nova Scotia:						
1938	50.2	50.4	49.4	–	–	–
1939	50.9	50.1	50.6	–	–	–
1940	52.4	52.5	51.6	–	–	–
1941	52.7	53.2	50.1	–	–	–
1942	52.6	53.2	48.5	–	–	–
1943	51.6	52.4	47.2	–	–	–
1944	49.5	50.0	46.8	–	–	–
1945	47.3	47.6	45.9	–	–	–
1946	45.7	46.0	43.6	43.1	44.1	40.7
1947	45.8	46.2	43.4	41.9	42.6	40.0
1948	45.8	46.0	44.5	41.7	42.4	39.9
1949	44.5	44.8	42.6	40.5	40.9	39.6
1950	44.8	45.0	43.7	40.8	41.0	40.1
New Brunswick:						
1938	49.3	50.1	45.9	–	–	–
1939	49.9	50.3	46.9	–	–	–
1940	52.1	52.5	49.2	–	–	–
1941	53.3	54.0	49.2	–	–	–
1942	52.1	52.7	48.8	–	–	–
1943	51.1	52.4	45.7	–	–	–
1944	50.0	51.1	44.8	–	–	–
1945	48.9	50.2	44.1	–	–	–
1946	46.0	46.7	42.9	43.2	44.3	40.9
1947	45.4	46.6	40.3	43.6	44.6	41.2
1948	46.1	47.0	41.9	42.7	43.8	40.4
1949	45.4	46.9	41.3	42.8	43.8	40.6
1950	45.0	46.3	39.3	42.0	43.0	39.6
Quebec:						
1938	47.6	48.5	45.1	–	–	–
1939	47.8	48.8	45.4	–	–	–
1940	50.6	51.9	47.2	–	–	–
1941	51.5	53.0	47.8	–	–	–
1942	51.3	53.1	47.4	–	–	–
1943	50.2	52.2	45.9	–	–	–
1944	49.3	51.1	45.0	–	–	–
1945	48.0	49.7	44.2			
1946	45.4	47.1	41.2	41.5	42.5	39.6
1947	45.4	47.1	40.7	40.6	41.3	39.1
1948	45.2	46.8	40.9	40.6	41.4	39.0
1949	44.5	46.3	40.2	40.4	41.1	38.8
1950	44.9	46.7	40.6	39.8	40.5	38.4

TABLE 29. Average Hours Worked per Week in the Manufacturing Industries of Canada, by Provinces, 1938-50[1] — Concluded

Province and Year	Wage-earners			Salaried employees		
	All wage-earners	Male	Female	All salaried employees[2]	Male	Female
	Number					
Ontario:						
1938	46.1	46.7	43.9	—	—	—
1939	46.9	47.4	45.0	—	—	—
1940	50.3	51.1	47.5	—	—	—
1941	50.5	51.4	47.6	—	—	—
1942	49.7	50.8	46.7	—	—	—
1943	47.9	49.7	43.9	—	—	—
1944	46.3	48.1	42.5	—	—	—
1945	45.1	46.7	41.6	—	—	—
1946	42.8	44.0	38.8	40.5	41.3	39.2
1947	43.0	44.2	38.8	40.0	40.8	38.6
1948	42.9	43.9	38.9	39.8	40.6	38.4
1949	42.8	43.8	39.4	39.7	40.4	38.3
1950	43.0	44.0	39.5	39.3	39.8	38.1
Manitoba:						
1938	44.2	44.6	42.6	—	—	—
1939	44.3	44.5	43.2	—	—	—
1940	48.1	48.7	45.5	—	—	—
1941	48.3	48.9	45.8	—	—	—
1942	48.7	49.7	45.4	—	—	—
1943	47.7	49.3	43.4	—	—	—
1944	45.9	47.2	42.9	—	—	—
1945	45.1	46.1	42.6	—	—	—
1946	42.8	43.8	39.6	42.7	43.3	41.1
1947	43.4	44.5	39.7	41.7	42.2	40.4
1948	43.1	44.1	39.6	41.8	42.5	40.4
1949	43.4	44.5	39.7	41.3	41.9	39.9
1950	43.6	44.6	40.0	40.9	41.3	39.8
Saskatchewan:						
1938	47.9	48.2	43.0	—	—	—
1939	47.7	48.0	43.2	—	—	—
1940	50.6	51.0	44.5	—	—	—
1941	51.8	52.2	46.4	—	—	—
1942	52.0	52.7	46.9	—	—	—
1943	51.1	51.7	48.2	—	—	—
1944	49.7	50.9	43.4	—	—	—
1945	45.9	46.6	43.4	—	—	—
1946	44.0	44.3	41.2	42.9	43.7	41.3
1947	43.3	43.8	40.3	42.1	43.0	41.0
1948	43.0	43.6	39.0	41.9	42.4	41.1
1949	42.4	42.9	39.2	42.2	42.7	41.1
1950	42.4	42.8	39.1	42.1	42.5	41.3
Alberta:						
1938	46.4	46.7	43.7	—	—	—
1939	46.4	46.7	43.7	—	—	—
1940	48.6	48.7	47.4	—	—	—
1941	49.9	50.4	45.6	—	—	—
1942	50.1	50.7	46.4	—	—	—
1943	48.5	49.4	45.2	—	—	—
1944	48.0	48.9	44.7	—	—	—
1945	45.2	46.0	42.5	—	—	—
1946	43.2	43.5	41.6	42.9	43.6	41.5
1947	43.7	44.1	41.8	42.4	43.0	41.0
1948	43.3	43.8	40.7	42.5	43.2	40.7
1949	43.5	43.9	40.7	42.2	42.8	40.6
1950	42.6	43.0	39.7	41.3	41.7	39.8
British Columbia:						
1938	44.4	44.7	41.6	—	—	—
1939	45.5	45.8	43.2	—	—	—
1940	46.0	46.3	43.4	—	—	—
1941	46.1	46.3	44.2	—	—	—
1942	46.4	46.7	44.5	—	—	—
1943	45.8	46.2	43.7	—	—	—
1944	44.9	45.2	43.8	—	—	—
1945	42.9	43.4	41.1	—	—	—
1946	41.2	41.5	39.2	41.9	42.4	40.6
1947	40.4	40.4	38.4	40.6	41.0	39.7
1948	40.3	40.6	38.0	40.6	41.0	39.5
1949	40.1	40.5	37.2	40.4	40.7	39.6
1950	40.2	40.5	37.8	39.9	40.2	39.0

1. Prior to 1946 the figures refer to week of highest employment and cover all establishments while for 1946 and 1947 they refer to the last week in November and for 1949 and 1950 the last week in October for establishments employing 15 hands and over only.
2. Figures not available prior to 1946 for salaried employees.

TABLE 30. Average Hours Worked per Week in the Manufacturing Industries of Canada, by Industrial Group, 1946-50

Group and year	Wage-earners			Salaried employees		
	All wage-earners	Male	Female	All salaried employees	Male	Female
	Number					
Foods and beverages:						
1946	43.9	45.7	38.8	42.2	43.2	40.3
1947	44.1	46.1	38.6	41.2	42.0	39.7
1948	44.0	45.9	38.8	41.4	42.4	39.4
1949	44.3	46.2	39.4	41.2	42.1	39.4
1950	43.8	45.7	39.0	40.9	41.5	39.3
Tobacco and tobacco products:						
1946	42.9	45.6	41.4	41.3	42.1	40.4
1947	42.1	44.8	40.6	40.4	41.1	39.2
1948	42.5	45.0	41.2	40.2	40.8	39.3
1949	43.6	45.6	42.6	40.0	40.5	39.2
1950	41.5	43.0	40.7	38.4	38.6	37.9
Rubber products:						
1946	44.8	45.6	42.3	40.4	40.9	39.2
1947	43.7	44.3	41.8	39.3	39.7	38.4
1948	43.4	44.3	40.8	39.2	39.7	38.2
1949	42.3	42.8	40.9	39.2	39.7	38.2
1950	43.6	44.2	41.8	39.6	40.1	38.5
Leather products:						
1946	42.5	43.9	40.6	43.1	44.5	40.3
1947	41.0	42.2	39.2	41.9	43.2	39.1
1948	41.0	42.0	39.5	41.4	42.5	39.2
1949	40.1	41.3	38.4	41.5	42.6	39.2
1950	40.4	41.8	38.6	41.2	42.2	39.2
Textile products (except clothing):						
1946	43.8	46.6	41.3	41.5	42.6	39.4
1947	44.5	46.5	41.6	41.2	42.1	39.4
1948	44.4	46.4	41.5	41.0	42.1	39.2
1949	44.6	46.4	41.8	41.0	41.9	39.2
1950	44.7	46.3	42.1	40.2	40.9	38.7
Clothing (textile and fur):						
1946	41.0	44.8	38.7	41.5	42.7	39.8
1947	39.7	42.9	38.4	40.8	42.0	39.2
1948	40.1	42.6	39.0	40.9	42.2	39.4
1949	39.2	41.6	38.2	40.6	41.7	39.1
1950	40.1	42.6	39.0	40.0	40.9	38.7
Wood products:						
1946	45.1	45.4	41.3	43.7	45.2	40.2
1947	44.0	44.2	40.4	42.6	43.8	39.6
1948	44.0	44.2	40.8	42.4	43.6	39.3
1949	44.1	44.3	40.6	42.4	43.5	39.4
1950	44.1	44.3	41.0	41.7	42.6	39.2
Paper products:						
1946	47.1	48.2	41.0	40.9	41.6	39.4
1947	47.2	48.1	41.4	39.9	40.4	38.6
1948	47.2	48.0	41.3	40.2	40.7	38.7
1949	47.1	47.9	41.9	39.9	40.4	38.4
1950	47.5	48.3	42.1	39.1	39.6	37.8
Printing, publishing and allied industries:						
1946	42.0	43.3	38.5	39.9	40.6	39.0
1947	41.1	42.2	38.1	39.5	40.0	38.7
1948	40.9	42.0	37.8	39.0	39.4	38.3
1949	41.0	41.8	38.3	38.7	39.2	37.8
1950	40.4	41.2	37.9	38.2	38.3	38.0
Iron and steel products:						
1946	44.8	45.0	41.8	40.9	41.5	39.3
1947	45.1	45.3	41.6	40.2	40.8	38.6
1948	44.8	45.0	41.6	40.1	40.7	38.6
1949	43.6	43.7	41.5	39.8	40.3	38.4
1950	44.0	44.1	41.4	39.5	39.9	38.3
Transportation equipment:						
1946	42.3	42.4	40.3	42.2	42.8	40.5
1947	43.6	43.7	40.9	41.1	41.6	39.7
1948	43.2	43.2	40.7	41.6	42.1	40.2
1949	42.9	43.0	39.6	41.5	41.9	40.1
1950	43.8	43.9	40.2	41.4	41.8	39.8

TABLE 30. Average Hours Worked per Week in the Manufacturing Industries of Canada, by Industrial Group, 1946-50 — Concluded

Group and year	Wage-earners			Salaried employees		
	All wage-earners	Male	Female	All salaried employees	Male	Female
	Number					
Non-ferrous metal products:						
1946	44.0	44.5	40.9	41.6	42.4	40.1
1947	44.1	44.6	40.3	40.9	41.6	39.2
1948	43.9	44.3	40.7	41.0	41.7	39.1
1949	44.4	44.6	41.8	40.9	41.8	38.8
1950	44.2	44.5	41.5	39.9	40.6	38.3
Electrical apparatus and supplies:						
1946	41.9	42.7	40.3	39.6	40.1	38.6
1947	42.6	43.5	40.7	39.9	40.6	38.6
1948	41.8	42.6	39.5	39.0	39.3	38.3
1949	42.1	42.8	40.3	39.0	39.3	38.3
1950	42.4	43.3	40.2	38.6	38.8	38.0
Non-metallic mineral products:						
1946	46.1	46.6	42.0	41.4	42.3	39.2
1947	46.4	46.8	43.5	40.9	41.3	40.0
1948	46.4	46.8	42.8	40.5	41.3	38.2
1949	46.0	46.4	41.8	39.9	40.8	37.8
1950	46.4	46.8	41.6	39.7	40.3	38.0
Products of petroleum and coal:						
1946	41.9	42.0	—	39.5	39.9	38.2
1947	42.1	42.1	—	38.8	39.1	37.3
1948	42.1	42.1	—	38.2	38.5	37.1
1949	41.9	41.9	—	38.0	38.6	36.1
1950	41.3	41.3	—	36.7	37.4	34.1
Chemicals and allied products:						
1946	44.4	45.3	41.0	39.5	40.0	38.8
1947	43.8	44.7	40.2	39.0	39.5	38.3
1948	44.0	44.9	40.4	38.8	39.3	38.0
1949	44.3	45.1	40.8	38.7	39.2	37.8
1950	43.4	44.1	40.1	38.3	38.8	37.5
Miscellaneous industries:						
1946	42.9	43.9	41.0	43.1	41.9	38.7
1947	42.3	43.7	39.7	41.9	41.2	38.6
1948	42.3	43.6	40.4	41.7	41.2	38.2
1949	42.8	44.2	40.7	40.5	41.1	37.6
1950	42.8	44.3	40.6	40.0	41.0	38.4

Subsection 4. Salaries and Wages in Manufacturing Industries

In 1950, the 35,942 establishments covered employed 231,053 salaried employees and 952,244 wage-earners, a total of 1,183,297 persons. Out of every 1,000 persons employed in manufacturing, 195 were classed as salary earners and 805 as wage-earners; the former earned 25 p.c. and the latter 75 p.c. of the total amount paid out as remuneration for services.

A notable feature during the past few years was the reduction in the disparity between average annual salaries and wages. Whereas in 1939 average annual wages were only 56 p.c. of average annual salaries, in 1943 the percentage rose to 76, it declined to 69 in 1947 and rose to 73 in 1950. This tendency towards equalization was due, in part, to the controls adopted by the Government during the war years which tended to stabilize salaries more so than wages. The increase in average wages was also influenced by the fact that large numbers of wage-earners were employed in the highly paid iron and steel industries and by the increase in number of hours worked, some of it at overtime pay.

Ontario has a larger proportion of females among its salaried employees than the other provinces. The same situation prevails in Quebec with regard to wage-earners, due, no doubt, to the textile industries of the Province. The importance of the textile industries in providing employment to females is strikingly illustrated by the fact that of all female wage-earners engaged in the manufacturing industries of Canada in 1950, 44 p.c. were found in the textile group.

The average salary in 1950 amounted to $2,998 which was $1,252 or 72 p.c. higher than in 1939. Salaried employees in Ontario with $3,150 were the highest paid. Those in Quebec were second with $2,981, British Columbia third with $2,871 and Manitoba fourth with $2,818. The fact that head offices of many large corporations are located in Montreal, Toronto, Winnipeg and Vancouver tends to raise the average salaries in the provinces in which these cities are located.

The average wage in 1950 amounted to $2,183 which was $1,208 or 124 p.c. higher than in 1939. The manufacturing industries of Newfoundland paid the highest average wage of $2,626, displacing British Columbia which formerly occupied the premier position. British Columbia with $2,393 was in second place, followed by Ontario with $2,328, Saskatchewan $2,115, Alberta $2,113, etc. The high figures shown for Yukon and Northwest Territories in regard to average wages are due to the unusual conditions under which industry is carried on in these regions and are not representative. Statistics of the distribution of employees by provinces and groups as well as average annual earnings are given in Table 31.

TABLE 31. Salaries and Wages Paid in the Manufacturing Industries, by Provinces and Industrial Groups, 1950, with Totals for Significant Years, 1917-49

Year	Salaries				Wages			
	Salaried employees		Total salaries	Average salaries	Wage-earners		Total wages	Average wages
	Male	Female			Male	Female		
	No.	No.	$	$	No.	No.	$	$
1917	64,918		85,353,667	1,315	541,605		412,448,177	762
1920	78,334		141,837,361	1,811	520,559		575,656,515	1,106
1922	71,586		129,836,831	1,814	384,670		359,560,399	935
1924	54,379	15,641	130,344,822	1,862	322,719	94,871	404,122,853	968
1926[1]	58,245	17,092	142,353,900	1,890	374,244	109,580	483,328,342	999
1929[1]	67,731	21,110	175,553,710	1,976	454,768	122,922	601,737,507	1,042
1930[1]	64,161	20,550	169,992,216	2,007	416,790	113,195	527,563,162	995
1931[2]	71,198	20,293	172,289,095	1,883	337,636	99,513	415,277,895	950
1932	68,264	18,786	151,355,790	1,739	288,817	92,966	322,245,926	844
1933	67,875	18,761	139,317,946	1,608	287,266	94,756	296,929,878	777
1934	71,963	20,132	148,760,126	1,615	326,598	101,119	355,090,929	830
1935	76,213	21,717	160,455,080	1,638	353,790	104,944	399,012,697	870
1936	81,409	23,008	173,198,057	1,659	379,977	109,965	438,873,377	896
1937	91,092	24,735	195,983,475	1,692	427,285	117,339	525,743,562	965
1938	95,270	25,319	207,386,381	1,719	409,172	112,255	498,282,208	956
1939	98,165	26,607	217,839,334	1,746	415,488	117,854	519,971,819	975
1940	104,267	31,493	241,599,761	1,780	491,439	135,045	679,273,104	1,084
1941	117,251	41,693	286,336,861	1,801	626,825	175,409	978,525,782	1,220
1942	123,125	54,062	334,870,793	1,890	732,319	242,585	1,347,934,049	1,383
1943	128,679	64,516	388,857,505	2,013	762,854	285,019	1,598,434,879	1,525
1944	126,858	65,700	418,065,594	2,171	744,635	285,689	1,611,555,776	1,564
1945	128,601	62,106	417,857,619	2,191	680,620	248,045	1,427,915,830	1,538
1946	127,002	54,004	410,875,776	2,270	662,699	214,451	1,329,811,478	1,516
1947	135,248	55,852	474,693,800	2,484	721,407	219,243	1,611,232,166	1,713
1948	141,082	57,197	532,702,476	2,687	738,956	218,771	1,877,107,315	1,960
1949	157,516	64,035	628,427,937	2,836	732,457	217,199	1,963,462,720	2,067
Provinces, 1950								
Newfoundland	1,596	252	3,549,900	1,921	4,091	743	12,696,352	2,626
Prince Edward Island	370	96	732,107	1,571	926	394	1,610,073	1,220
Nova Scotia	3,474	968	10,372,716	2,335	20,541	3,496	44,515,345	1,852
New Brunswick	2,627	877	8,424,096	2,404	16,652	3,707	37,961,973	1,865
Quebec	53,313	20,734	220,771,037	2,981	225,404	90,712	630,563,663	1,995
Ontario	78,797	35,737	360,758,375	3,150	355,536	96,443	1,052,240,771	2,328
Manitoba	5,637	2,055	21,674,518	2,818	25,619	7,674	67,027,083	2,013
Saskatchewan	2,160	825	6,914,947	2,317	6,638	973	16,095,522	2,115
Alberta	4,284	1,368	13,868,353	2,454	18,119	2,961	44,547,971	2,113
British Columbia	12,185	3,655	45,483,484	2,871	62,885	8,650	171,173,493	2,393
Yukon and North West Territories	32	11	83,816	1,949	66	14	201,840	2,523
Totals, 1950	**164,475**	**66,578**	**692,633,349**	**2,998**	**736,477**	**215,767**	**2,078,634,086**	**2,183**
Industrial Groups, 1950								
Foods and beverages	23,606	9,480	89,098,679	2,693	100,492	34,086	257,615,764	1,914
Tobacco and tobacco products	963	539	4,890,946	3,256	3,331	5,489	17,737,972	2,011
Rubber products	3,376	1,358	14,531,876	3,070	12,775	4,303	39,730,988	2,326
Leather products	2,866	1,218	12,671,007	3,103	17,000	11,906	45,138,670	1,562
Textile products (Except clothing)	7,105	3,742	36,538,786	3,369	43,228	26,253	132,636,356	1,909
Clothing (Textile and fur)	9,973	6,203	52,297,387	3,233	31,075	68,997	158,925,960	1,588
Wood products	19,265	2,929	46,143,831	2,079	98,757	5,218	200,181,294	1,925
Paper products	9,490	3,630	50,718,971	3,866	55,737	8,662	174,478,467	2,709
Printing, publishing and allied industries	14,765	8,876	59,108,731	2,500	30,500	8,984	95,260,906	2,413
Iron and steel products	23,133	8,280	100,982,103	3,215	126,159	6,956	337,262,646	2,534
Transportation equipment	12,881	3,888	59,040,235	3,521	84,089	3,318	231,396,143	2,647
Non-ferrous metal products	6,130	2,415	28,616,950	3,349	32,830	3,305	90,918,646	2,516
Electrical apparatus and supplies	10,204	4,544	45,471,721	3,083	33,066	12,448	109,862,344	2,414
Non-metallic mineral products	3,763	1,241	14,861,021	2,970	22,699	1,900	57,519,389	2,338
Products of petroleum and coal	3,637	1,108	15,468,919	3,260	10,347	85	28,956,449	2,776
Chemicals and allied products	9,489	5,123	44,346,028	3,035	21,730	5,133	62,448,375	2,325
Miscellaneous industries	3,829	2,004	17,846,158	3,059	12,662	8,724	38,563,717	1,803

1. The averages of wage-earners and earnings for the years 1931 to 1945 are strictly comparable with those for the years up to 1925 but not with those for the intervening years. The figures for the latest years—as for the earliest—represent the earnings for complete man-years of work, with no allowance for periods of unemployment. The difference amounts only to about 3 or 4 p.c. in the total figures and affects chiefly the seasonal industries.

2. The increase in the number of salaried employees in 1931 is due to the following changes in method: 1. Prior to 1931 working proprietors, such as bakers, sawmill operators, small clothing manufacturers, etc., were required to report themselves as wage-earners. In 1931 and subsequent years, however, all such proprietors reported themselves as salaried employees. 2. In 1931 travelling salesmen who were attached to the plant, and devoted all or the greater part of their time to selling the products of that plant, were included with salaried employees. Prior to this they were not reported at all.

Average Annual Earnings in the Forty Leading Industries. In 1950 there were 31 industries with average salaries of $3,000 or over, as compared with 20 industries in this range in 1949. Indicative of the rapidly changing pattern of remuneration in manufacturing is the fact that in 1945, the last year of the war, no industry paid average annual salaries of over $3,000. The highest average salary in that year was $2,935 reported by the brewing industry. The highest average salary in 1950 amounting to $4,455 was received by office and supervisory employees in the brewing industry, this industry having maintained the premier position in both years. Other industries paying $3,500 and over, in descending order, were as follows: pulp and paper $4,165, wine $4,159, motor vehicles $3,941, bridge building $3,909, primary iron and steel $3,655, motor vehicle parts $3,565 and boxes and bags, paper $3,529. In twenty-three others they were between $3,000 and $3,500, while in the remaining nine they were below $3,000. The sawmill and butter and cheese industries with $1,465 and $1,925 respectively, paid the lowest salaries.

The increase in average wages since 1945 paralleled that of salaries. Whereas in 1945 there were only four industries averaging over $2,000 per annum, in 1950 the number jumped to thirty. In 1945 the highest average annual wage was $2,365 paid by the motor vehicle industry while in 1950 the highest annual wage amounting to $3,051 was paid by the pulp and paper industry. The highest wages are usually paid by industries in which the proportion of skilled workers is high and the proportion of female workers is low. There were thirteen industries in 1950 with average annual wages of $2,500 and over. These were: pulp and paper $3,051, motor vehicles $3,045, non-ferrous metal smelting and refining $2,858, petroleum products $2,852, primary iron and steel $2,841, bridge-building and structural steel $2,726, motor vehicle parts $2,716, aircraft $2,687, heavy electrical machinery $2,676, iron castings $2,627, printing and publishing $2,621, agricultural implements $2,574, and breweries $2,501. In seventeen industries average wages ranged between $2,000 and $2,500, while in the remaining ten they were below $2,000. This latter group includes industries made up of a large number of small establishments and in which the proportion of female workers is high. Men's factory clothing, women's factory clothing, hosiery and knitted goods, leather boots and shoes, fruit and vegetable preparations, and boxes and bags, paper, are some of the industries included in this group. Employment by sex and average annual earnings in the forty leading industries are given in Table 32.

TABLE 32. Salaries and Wages Paid in the Forty Leading Industries, 1950

Note. Industries ranked according to the aggregate salaries and wages paid

No.	Industry	Salaries				Wages			
		Salaried employees		Total salaries	Average salary	Wage-earners		Total wages	Average wage
		Male	Female			Male	Female		
		No.	No.	$	$	No.	No.	$	$
1	Pulp and paper	6,552	2,026	35,729,300	4,165	43,036	729	133,517,231	3,051
2	Sawmills	10,967	671	17,047,761	1,465	46,655	429	94,444,318	2,006
3	Motor vehicles	4,175	1,424	22,066,898	3,941	23,494	262	72,347,921	3,045
4	Primary iron and steel	2,676	845	12,868,749	3,655	25,213	317	72,543,178	2,841
5	Railway rolling stock	2,032	246	7,873,770	3,456	26,864	115	65,482,889	2,427
6	Printing and publishing	7,783	4,196	30,260,505	2,526	12,707	2,057	38,691,484	2,621
7	Bread and other bakery products	3,608	1,131	10,870,744	2,294	20,133	6,277	49,203,254	1,863
8	Clothing, men's, factory	2,740	1,663	14,580,702	3,511	8,763	19,687	44,720,686	1,572
9	Non-ferrous metal smelting and refining	2,652	482	10,940,723	3,491	16,662	67	47,807,639	2,858
10	Machinery, heavy electrical	3,172	1,313	13,655,035	3,045	12,844	3,496	43,725,030	2,676
11	Furniture	3,164	1,026	12,622,095	3,012	21,068	2,001	44,489,649	1,928
12	Motor vehicle parts	2,086	890	10,609,312	3,565	14,365	2,378	45,482,961	2,716
13	Clothing, women's, factory	2,571	1,695	14,692,523	3,444	6,199	18,516	41,171,599	1,666
14	Cotton yarn and cloth	1,424	846	7,283,076	3,208	15,771	8,926	47,936,967	1,941
15	Slaughtering and meat packing	3,476	1,128	14,814,454	3,218	13,210	2,708	39,717,583	2,495
16	Rubber goods	3,376	1,358	14,531,876	3,070	12,775	4,303	39,730,988	2,326
17	Printing and bookbinding	3,547	1,597	14,974,732	2,911	12,046	5,195	36,477,872	2,116
18	Machinery, industrial	4,075	1,599	17,466,303	3,078	13,259	456	33,981,135	2,478
19	Miscellaneous electrical apparatus and supplies, n.e.s.	3,430	1,510	16,092,966	3,258	10,000	4,306	33,414,272	2,336
20	Castings, iron	1,543	621	7,248,866	3,350	15,075	328	40,469,441	2,627
21	Agricultural implements	2,353	709	9,413,080	3,074	13,012	149	33,871,606	2,574
22	Sheet metal products	2,515	950	10,882,344	3,141	11,800	1,784	31,747,943	2,337
23	Butter and cheese	3,759	1,678	10,467,275	1,925	14,594	991	31,484,346	2,020
24	Synthetic textiles and silk	2,233	1,100	10,623,124	3,187	10,342	4,280	29,488,476	2,017
25	Sash, door and planing mills	2,896	593	8,493,540	2,434	15,435	204	28,431,090	1,818
26	Footwear, leather	1,651	745	7,294,411	3,044	10,249	8,140	27,415,631	1,491
27	Petroleum products	2,694	774	11,768,448	3,393	6,514	74	18,789,148	2,852
28	Aircraft	2,735	845	11,447,778	3,198	6,764	205	18,727,043	2,687
29	Hardware, tools and cutlery	1,682	831	7,430,812	2,957	8,500	1,500	22,410,155	2,241
30	Boxes and bags, paper	1,341	700	7,202,979	3,529	6,323	4,938	21,348,901	1,896
31	Shipbuilding	1,234	322	5,162,610	3,318	9,793	105	23,193,582	2,343
32	Fruit and vegetable preparations	1,603	860	6,538,713	2,655	6,351	6,079	18,022,438	1,450
33	Breweries	1,230	356	7,066,492	4,455	6,595	130	16,822,113	2,501
34	Knitted goods, other than hosiery	859	727	4,795,637	3,024	3,640	8,700	18,195,545	1,474
35	Brass and copper products	1,138	496	5,548,400	3,395	6,746	552	17,344,780	2,376
36	Refrigerators, vacuum cleaners and appliances	1,367	654	5,979,338	2,959	6,126	1,371	16,864,218	2,249
37	Machinery, household, office and store	1,085	541	4,946,578	3,042	6,479	961	17,814,207	2,394
38	Bridge building and structural steel	1,465	323	6,988,852	3,909	5,608	38	15,393,647	2,726
39	Wines	122	46	698,697	4,159	321	38	799,422	2,227
40	Heating and cooking apparatus	1,211	449	5,162,126	3,110	6,914	206	16,028,365	2,251
	Totals, leading industries	**110,222**	**39,966**	**454,141,624**	**3,024**	**532,245**	**122,998**	**1,489,548,753**	**2,273**
	Totals, all industries	**164,475**	**66,578**	**692,633,349**	**2,998**	**736,477**	**215,767**	**2,078,634,086**	**2,183**

Average Annual, Weekly and Hourly Earnings of Wage-Earners. In comparing earnings by provinces or groups, consideration should be given to the type of industries in each case since the distribution of industries has a very definite regional significance. In some industries a labour force possessing deftness and speed or the ability to exercise muscular strength is necessary, in others the labour force must exercise craftsmanship or possess a high degree of technical knowledge. Workers in the latter industries naturally command relatively higher wages than those employed in industries whose employees are routine workers.

The ranking of provinces and industries as regards annual earnings is in many cases different to that of weekly or hourly earnings since the factors of number of weeks worked per year and number of hours worked per week enter into the picture. So that, while in general the same observations apply, a close study of the differences between the averages shown in Tables 31 and 32 will be of value.

The figures for the years 1934 to 1945 given in Table 33 are based on an analysis of a pay-list covering one week in the month of highest employment. For this reason the figures do not refer to any particular month, since the month of highest employment might be May for one firm and October for another; they represent the summation of the different months of highest employment as reported by all the firms. For a particular industry, however, the month of highest employment is more significant as in such case it coincides for a great number of firms engaged in the same industry. The figures for 1946 and 1947 are based on returns received from establishments employing 15 hands or over and refer to the last week in the month of November, whereas for 1948-50 they refer to the last week in the month of October.

Average weekly earnings of male wage-earners for manufacturing as a whole amounted to $50.93 in 1950, an increase of $28.70 or 129 p.c. as compared with 1939. Average hourly earnings advanced from 4¢.2 cents in 1939 to $1.14 in 1950, an increase of 147 p.c. Annual earnings at $2,419 were 135 p.c. higher.

Female wage-earners received on an average $29.00 per week in 1950, an increase of $16.22 or 117 p.c. Hourly earnings at 72.5 cents were 15¢ p.c. higher, while annual earnings at $1,37¢ were 122 p.c. higher.

The following table gives the weekly and hourly earnings of male and female wage-earners for each province and major industrial group for the year 1950.

For the method used in calculating average annual earnings for male and female wage-earners separately, see text preceding Table 3¢.

Average Weekly and Hourly Earnings of Male and Female Wage-Earners, by Provinces and Industrial Groups, 1950

Province and Industrial Group	Male earnings		Female earnings	
	Weekly	Hourly	Weekly	Hourly
	$	cents	$	cents
Provinces				
Newfoundland	50.85	106.6	17.72	42.3
Prince Edward Island	35.97	78.2	16.46	42.0
Nova Scotia	42.98	95.5	20.89	47.8
New Brunswick	44.45	96.0	24.01	61.1
Quebec	48.15	103.1	27.65	68.1
Ontario	53.33	121.2	30.69	77.7
Manitoba	48.30	108.3	27.56	68.9
Saskatchewan	45.58	106.5	29.17	74.6
Alberta	47.09	109.5	30.61	77.1
British Columbia	53.34	131.7	30.84	81.6
Canada	**50.93**	**114.2**	**29.00**	**72.5**
Industrial Group				
Foods and beverages	45.84	100.3	25.35	65.0
Tobacco and tobacco products	48.33	112.4	36.83	90.5
Rubber products	53.97	122.1	34.23	81.9
Leather products	38.96	93.2	24.20	62.7
Textile products (except clothing)	44.17	95.4	31.49	74.8
Clothing (textile and fur)	46.35	108.8	26.75	68.6
Wood products	44.48	100.4	30.34	74.0
Paper products	57.77	119.6	28.71	68.2
Printing, publishing and allied industries	57.64	139.9	26.80	70.7
Iron and steel products	53.18	120.6	34.28	82.8
Transportation equipment	55.67	126.8	37.91	94.3
Non-ferrous metal products	52.51	118.0	29.88	72.0
Electrical apparatus and supplies	55.03	127.1	37.14	92.4
Non-metallic mineral products	50.26	107.4	31.32	75.3
Products of petroleum and coal	56.09	135.8	--	--
Chemical and allied products	50.54	114.6	28.07	70.0
Miscellaneous industries	44.48	100.4	28.83	71.0

TABLE 33. Average Annual, Weekly and Hourly Earnings of Wage-Earners, Employed in the Manufacturing Industries, 1934-50

Note. Butter and cheese factories and fish curing and packing plants are excluded in the years 1938 to 1945, while sawmills are also excluded in 1945. By including sawmills, weekly earnings in 1945 would have been about $34.35 for male wage-earners.

Year	All wage-earners			Male wage-earners			Female wage-earners		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	$	$	$	$	$	$	$	$	$
1934	830	18.30	0.372	930	20.31	0.407[1]	539	11.80	0.251[1]
1935	870	18.50	0.380	966	20.41	0.413[1]	570	12.04	0.259[1]
1936	896	18.96	0.389	995	20.92	0.423[1]	577	12.20	0.262[1]
1937	965	[2]	[2]	[2]	[2]	[2]	[2]	[2]	[2]
1938	956	19.49	0.417	1,055	21.49	0.454	594	12.10	0.271
1939	975	20.14	0.427	1,076	22.23	0.462	619	12.78	0.283
1940	1,084	22.35	0.446	1,202	24.82	0.488	655	13.52	0.286
1941	1,220	24.95	0.494	1,355	27.72	0.538	736	15.05	0.316
1942	1,383	28.18	0.561	1,558	31.75	0.619	854	17.41	0.371
1943	1,525	29.87	0.612	1,726	33.80	0.671	987	19.33	0.431
1944	1,564	31.05	0.654	1,761	34.95	0.712	1,051	20.89	0.479
1945	1,538	30.98	0.669	1,739	35.04	0.736	984	19.84	0.465
1946[3]	1,516	32.38	0.741	1,702	36.23	0.807	943	20.08	0.502
1947[3]	1,713	37.19	0.851	1,909	41.35	0.921	1,067	23.11	0.582
1948[3]	1,960	41.25	0.946	2,175	45.73	1.023	1,233	25.91	0.651
1949[3]	2,067	42.61	0.984	2,291	47.33	1.066	1,315	27.18	0.683
1950[3]	2,183	45.94	1.056	2,419	50.93	1.142	1,376	29.00	0.725

1. Estimated on the basis of hours worked by female wage-earners in 1938 and 1939 as compared with those worked by male wage-earners in those years.
2. Not available.
3. Prior to 1946 the figures refer to week of highest employment and cover all establishments while for 1946 and 1947 they refer to the last week in November and for 1949 and 1950 the last week in October for establishments employing 15 hands and over only.

TABLE 34. Average Annual, Weekly and Hourly Earnings of Wage-Earners in the Manufacturing Industries, by Provinces, 1938-50

Province and Year	All wage-earners			Male			Female		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	$	$	cents	$	$	cents	$	$	cents
Newfoundland:									
1949[1]	2,392	—	—	—	—	—	—	—	—
1950	2,626	46.52	99.2	2,919	50.85	106.6	1,016	17.72	42.3
Prince Edward Island:									
1938	484	8.49	16.2	549	10.31	19.8	328	6.16	11.6
1939	506	11.59	23.3	581	12.88	25.9	288	7.50	15.2
1940	553	13.67	26.0	644	15.31	28.8	325	7.71	16.0
1941	559	15.19	29.5	645	16.70	32.2	352	9.10	18.6
1942	613	15.94	30.9	682	17.35	33.5	422	10.75	21.2
1943	817	23.14	32.0	992	26.44	47.2	459	12.25	23.2
1944	952	23.63	43.6	1,172	28.10	50.0	500	12.00	27.0
1945	884	25.34	50.1	1,080	30.00	59.3	557	15.49	30.7
1946	911	21.51	46.2	1,097	25.42	54.2	555	12.87	28.6
1947	976	24.75	54.6	1,131	28.01	59.6	613	15.19	37.7
1948	1,149	27.66	60.4	1,317	30.68	65.7	715	16.66	39.1
1949	1,145	29.76	62.4	1,323	33.96	70.6	718	18.45	39.6
1950	1,220	30.36	69.0	1,456	35.97	78.2	667	16.46	42.0
Nova Scotia:									
1938	853	16.31	32.4	926	17.96	35.6	469	9.11	18.4
1939	869	17.80	34.9	939	19.20	37.6	539	11.03	21.8
1940	960	19.01	36.3	1,040	20.47	39.0	569	11.19	21.7
1941	1,076	22.53	42.6	1,171	24.42	45.9	566	11.80	23.6
1942	1,295	26.84	49.0	1,377	28.84	52.2	779	13.66	28.2
1943	1,456	29.80	57.5	1,571	32.22	61.5	853	17.51	37.1
1944	1,570	31.84	64.1	1,677	34.01	68.0	968	19.63	42.0
1945	1,519	31.85	67.1	1,640	34.67	72.8	799	16.89	36.8
1946	1,398	31.44	68.8	1,502	33.90	73.7	762	17.18	39.4
1947	1,461	34.58	75.5	1,584	37.47	81.1	744	17.62	40.6
1948	1,680	37.74	82.4	1,810	40.66	88.4	901	20.25	45.5
1949	1,810	39.56	88.9	1,959	42.87	95.7	911	19.94	46.8
1950	1,852	39.74	88.7	2,002	42.98	95.5	973	20.89	47.8

TABLE 34. Average Annual, Weekly and Hourly Earnings of Wage-Earners in the Manufacturing Industries, by Provinces, 1938-50 – Continued

Province and Year	All wage-earners			Male			Female		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	$	$	cents	$	$	cents	$	$	cents
New Brunswick:									
1938	818	15.20	30.6	890	16.89	33.7	410	7.78	16.9
1939	827	17.11	34.2	894	18.18	36.1	493	10.01	21.3
1940	955	19.40	37.1	1,023	20.54	39.1	580	11.64	23.7
1941	1,021	21.30	39.7	1,104	22.81	42.2	573	11.84	24.1
1942	1,129	22.56	43.1	1,228	24.11	45.7	674	13.26	27.2
1943	1,241	24.35	47.2	1,369	26.69	50.9	720	14.04	30.7
1944	1,330	26.78	53.1	1,474	29.19	57.1	765	15.16	33.8
1945	1,362	27.59	57.0	1,515	31.67	63.1	744	15.54	35.2
1946	1,390	30.54	66.4	1,528	33.58	71.9	781	17.16	40.0
1947	1,570	33.55	73.9	1,714	37.05	79.5	890	19.22	47.7
1948	1,741	38.03	83.5	1,915	41.55	88.4	1,015	22.04	52.6
1949	1,823	38.64	85.1	1,983	42.18	90.9	1,114	23.71	57.4
1950	1,865	40.68	90.4	2,035	44.45	96.0	1,099	24.01	61.1
Quebec:									
1938	853	17.26	36.1	964	19.46	40.1	569	11.48	25.5
1939	873	17.81	37.0	984	20.03	41.0	596	12.14	26.7
1940	974	19.93	39.1	1,112	22.75	43.8	620	12.70	26.9
1941	1,103	22.78	43.8	1,260	26.14	49.3	697	14.46	30.3
1942	1,259	25.82	49.7	1,463	30.12	56.7	787	16.22	34.2
1943	1,424	28.07	55.2	1,642	32.49	62.2	916	18.09	39.4
1944	1,473	29.59	59.4	1,671	33.53	65.6	1,001	20.09	44.6
1945	1,463	31.55	60.9	1,684	34.13	68.7	935	18.97	42.9
1946	1,445	30.51	67.2	1,660	34.95	74.2	926	19.49	47.3
1947	1,601	34.82	76.7	1,830	39.66	84.2	1,016	22.02	54.1
1948	1,829	38.60	85.4	2,077	43.80	93.6	1,190	25.11	61.4
1949	1,907	39.61	89.0	2,171	45.19	97.6	1,246	25.93	64.5
1950	1,995	42.21	94.0	2,273	48.15	103.1	1,305	27.65	68.1
Ontario:									
1938	1,008	20.81	44.9	1,105	22.92	49.1	627	13.03	29.7
1939	1,026	21.60	45.9	1,127	23.85	50.3	640	13.54	30.1
1940	1,153	23.98	47.4	1,268	26.63	52.1	685	14.37	30.3
1941	1,309	26.19	51.5	1,450	29.39	57.2	780	15.82	33.2
1942	1,463	29.27	58.5	1,646	33.24	65.4	918	18.59	39.8
1943	1,591	30.45	62.9	1,812	34.99	70.4	1,042	20.13	45.9
1944	1,618	31.61	67.5	1,843	36.30	75.4	1,084	21.35	50.2
1945	1,577	31.37	68.8	1,790	36.02	77.1	1,024	20.61	49.5
1946	1,552	33.26	77.7	1,738	37.09	84.3	963	20.53	52.9
1947	1,792	38.57	89.7	1,988	42.70	96.6	1,153	24.13	62.2
1948	2,060	42.86	99.9	2,273	47.10	107.3	1,300	26.92	69.2
1949	2,187	44.34	103.6	2,405	48.88	111.6	1,400	28.45	72.2
1950	2,328	48.46	112.7	2,560	53.33	121.2	1,472	30.69	77.7
Manitoba:									
1938	1,034	22.00	49.5	1,127	24.15	54.1	576	12.35	29.0
1939	1,068	21.59	48.7	1,165	23.61	53.1	623	12.64	29.3
1940	1,088	22.38	46.3	1,179	24.30	49.9	660	13.60	29.9
1941	1,181	24.32	50.1	1,291	26.56	54.3	684	14.09	30.8
1942	1,298	25.92	52.8	1,436	29.07	58.5	757	15.32	33.7
1943	1,370	26.99	56.0	1,553	30.86	62.6	829	16.48	38.0
1944	1,452	28.25	61.0	1,653	32.36	68.6	932	18.24	42.5
1945	1,464	28.69	63.1	1,667	32.88	71.3	914	18.03	42.3
1946	1,491	31.16	72.8	1,662	34.51	78.8	949	19.72	49.8
1947	1,634	35.59	82.0	1,818	39.20	88.1	1,049	22.63	57.0
1948	1,833	39.22	91.0	2,042	43.48	98.6	1,144	24.35	61.5
1949	1,900	41.06	94.6	2,114	45.39	102.0	1,222	26.24	66.1
1950	2,013	43.73	100.3	2,234	48.30	108.3	1,276	27.56	68.9
Saskatchewan:									
1938	1,037	19.84	41.3	1,066	20.33	42.2	620	11.84	27.5
1939	1,027	20.07	42.0	1,059	20.62	43.0	592	11.53	26.7
1940	1,031	20.16	39.6	1,066	20.67	40.5	599	11.61	26.1
1941	1,097	22.18	42.7	1,136	22.81	43.7	687	13.81	29.8
1942	1,232	24.97	47.9	1,279	25.94	49.2	895	18.17	38.9
1943	1,378	27.80	54.3	1,461	29.34	56.8	1,005	20.19	41.9
1944	1,405	28.38	56.8	1,500	29.99	58.9	993	19.86	45.8
1945	1,415	29.78	64.5	1,526	32.36	69.4	934	19.81	45.6
1946	1,455	32.78	74.5	1,531	34.11	77.0	1,007	22.45	54.5
1947	1,643	36.63	84.5	1,726	39.16	87.5	1,106	25.10	62.3
1948	1,916	40.12	93.3	2,022	42.12	96.6	1,252	26.09	66.9
1949	2,042	41.34	97.5	2,142	43.33	101.0	1,384	27.99	71.4
1950	2,115	43.71	103.1	2,217	45.58	106.5	1,419	29.17	74.6
Alberta:									
1938	1,009	20.64	44.4	1,051	21.42	45.9	671	13.67	31.3
1939	1,050	21.36	45.9	1,096	22.23	47.6	676	13.72	31.4
1940	1,078	21.66	44.3	1,134	22.53	46.3	638	14.19	28.8
1941	1,118	23.26	46.5	1,173	24.32	48.3	716	14.83	32.5
1942	1,294	25.07	49.8	1,309	26.93	52.9	801	16.50	35.2
1943	1,374	27.22	55.8	1,492	29.49	59.7	925	18.30	40.5
1944	1,436	28.95	60.1	1,568	31.50	64.4	998	20.01	44.8
1945	1,452	29.61	65.1	1,599	32.54	70.7	961	19.55	46.0
1946	1,477	32.40	75.0	1,582	34.50	79.3	981	21.38	51.4
1947	1,657	36.81	84.2	1,758	39.07	88.6	1,136	25.25	60.4
1948	1,890	41.35	95.5	2,005	43.80	100.0	1,251	27.31	67.1
1949	2,025	43.80	100.7	2,137	46.01	104.8	1,385	29.83	73.3
1950	2,113	44.86	105.3	2,223	47.09	109.5	1,445	30.61	77.1

TABLE 34. Average Annual, Weekly and Hourly Earnings of Wage-Earners in the Manufacturing Industries, by Provinces, 1938-50 — Concluded

Province and Year	All wage-earners			Male			Female		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	$	$	cents	$	$	cents	$	$	cents
British Columbia:									
1938[2]	1,128	22.46	50.5	1,169	23.54	52.7	673	13.55	32.6
1939	1,153	22.59	49.5	1,201	23.73	51.8	652	12.89	29.8
1940	1,250	24.64	53.5	1,303	26.00	56.2	681	13.60	31.3
1941	1,359	27.57	59.7	1,417	28.99	62.6	743	15.18	34.3
1942	1,633	33.30	71.5	1,713	35.42	75.8	939	19.44	43.7
1943	1,799	35.27	76.9	1,903	37.57	81.3	1,239	24.46	56.0
1944	1,809	35.61	79.2	1,920	38.08	84.3	1,288	25.57	58.4
1945	1,765	33.10	76.8	1,879	36.21	83.4	1,139	21.96	53.4
1946	1,750	36.83	89.4	1,956	39.01	94.0	1,156	23.05	58.8
1947	1,934	41.55	103.6	2,045	43.55	107.8	1,229	26.19	68.2
1948	2,182	46.02	114.2	2,298	48.27	118.9	1,360	28.58	75.2
1949	2,282	47.36	118.1	2,410	49.82	123.0	1,381	28.57	76.8
1950	2,393	50.73	126.2	2,522	53.34	131.7	1,458	30.84	81.6
Yukon and Northwest Territories[3]:									
1939	1,734	33.28	63.6	1,734	33.28	63.6	—	—	—
1940	1,544	34.91	67.5	1,596	35.81	69.3	741	16.60	31.3
1941	2,033	31.56	57.1	2,081	31.97	58.0	1,259	19.33	29.0
1942	1,670	40.04	72.5	1,703	40.74	73.8	723	17.33	28.9
1943	2,030	45.20	93.0	2,092	46.38	95.6	676	15.00	25.0
1944	1,922	45.79	91.0	1,922	45.79	91.0	—	—	—
1945	2,110	48.96	98.7	2,110	48.96	98.7	—	—	—
1946	2,249	—	—	—	—	—	—	—	—
1947	2,152	—	—	—	—	—	—	—	—
1948	2,824	—	—	—	—	—	—	—	—
1949	2,502	—	—	—	—	—	—	—	—
1950	2,523	—	—	—	—	—	—	—	—

1. Dash indicates that the information is not available.
2. Includes Yukon.
3. Information not available after 1945.

TABLE 35. Average Annual, Weekly and Hourly Earnings of Wage-Earners in the Manufacturing Industries, by Industrial Groups, 1946-50

Group and Year	All wage-earners			Male			Female		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	$	$	cents	$	$	cents	$	$	cents
Foods and beverages:									
1946	—	29.15	66.4	—	33.09	72.4	—	18.27	47.1
1947	—	33.87	76.8	—	38.45	83.4	—	21.04	54.5
1948	1,718	36.56	83.1	1,945	41.68	90.8	1,064	22.31	58.8
1949	1,817	38.45	86.8	2,046	43.98	95.2	1,140	24.51	62.2
1950	1,914	39.99	91.3	2,159	45.84	100.3	1,194	25.35	65.0
Tobacco and tobacco products:									
1946	—	23.85	55.6	—	30.06	65.9	—	20.37	49.2
1947	—	27.37	65.0	—	34.63	77.3	—	23.43	57.7
1948	1,717	35.53	83.6	2,105	44.15	98.1	1,488	31.23	75.8
1949	1,882	38.63	88.6	2,258	46.74	102.5	1,662	34.42	80.8
1950	2,011	40.92	98.6	2,361	48.33	112.4	1,799	36.83	90.5
Rubber products:									
1946	—	36.78	82.1	—	41.09	90.1	—	23.96	56.7
1947	—	40.01	91.7	—	44.43	100.3	—	27.17	65.0
1948	2,108	45.22	104.2	2,338	49.84	112.5	1,481	31.17	76.4
1949	2,138	43.36	102.6	2,353	47.68	111.4	1,520	30.80	75.3
1950	2,326	48.83	112.0	2,563	53.97	122.1	1,625	34.23	81.9
Leather products:									
1946	—	25.03	58.9	—	29.85	68.0	—	18.11	44.6
1947	—	28.25	68.9	—	33.51	79.4	—	20.11	51.3
1948	1,428	30.22	73.7	1,684	35.57	84.7	1,054	22.28	56.4
1949	1,528	30.84	76.9	1,807	36.39	88.1	1,131	22.77	59.3
1950	1,562	32.80	81.2	1,850	38.96	93.2	1,149	24.20	62.7
Textile products (except clothing):									
1946	—	24.13	55.1	—	28.33	60.8	—	19.87	48.1
1947	—	30.08	67.6	—	34.64	74.5	—	23.59	56.7
1948	1,707	34.10	76.8	1,946	38.93	83.9	1,349	26.98	65.0
1949	1,830	36.93	82.8	2,068	41.67	89.8	1,458	29.39	70.3
1950	1,909	39.38	88.1	2,141	44.17	95.4	1,527	31.49	74.8

TABLE 35. Average Annual, Weekly and Hourly Earnings of Wage-Earners in the Manufacturing Industries, by Industrial Groups, 1946-50 — Concluded

Group and Year	All wage-earners			Male			Female		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	$	$	cents	$	$	cents	$	$	cents
Clothing (textile and fur):									
1946	—	25.38	61.9	—	34.54	77.1	—	19.81	51.2
1947	—	26.92	67.8	—	39.17	91.3	—	21.81	56.8
1948	1,465	30.16	75.2	2,065	42.64	100.1	1,198	24.73	63.4
1949	1,542	30.46	77.7	2,170	43.31	104.1	1,261	25.17	65.9
1950	1,588	32.64	81.4	2,242	46.35	108.8	1,294	26.75	68.6
Wood products:									
1946	—	30.94	68.6	—	31.73	69.9	—	21.02	50.9
1947	—	35.24	80.1	—	35.98	81.4	—	24.20	59.9
1948	1,727	39.16	89.0	1,758	40.00	90.5	1,199	27.30	66.9
1949	1,836	40.40	91.6	1,869	41.20	93.0	1,256	27.69	68.2
1950	1,925	43.61	98.9	1,957	44.48	100.4	1,335	30.34	74.0
Paper products:									
1946	—	36.97	78.5	—	40.20	83.4	—	18.94	46.2
1947	—	44.04	93.3	—	47.38	98.5	—	22.36	54.0
1948	2,431	49.09	104.0	2,616	52.42	109.2	1,248	24.99	60.5
1949	2,535	49.74	105.6	2,721	53.31	111.3	1,350	26.44	63.1
1950	2,709	54.15	114.0	2,906	57.77	119.6	1,444	28.71	68.2
Printing, publishing and allied industries:									
1946	—	34.57	82.3	—	40.53	93.6	—	18.71	48.6
1947	—	38.47	93.6	—	44.77	106.1	—	21.15	55.5
1948	2,082	42.90	104.9	2,395	49.52	117.9	1,109	22.94	60.7
1949	2,239	47.19	115.1	2,550	53.59	128.2	1,221	25.66	67.0
1950	2,413	50.30	124.5	2,747	57.64	139.9	1,277	26.80	70.7
Iron and steel products:									
1946	—	36.87	82.3	—	37.89	84.2	—	22.11	52.9
1947	—	41.85	92.8	—	42.99	94.9	—	26.33	63.3
1948	2,257	46.64	104.1	2,305	47.61	105.8	1,443	29.83	71.7
1949	2,401	48.05	110.2	2,445	48.94	112.0	1,597	31.96	77.0
1950	2,534	52.23	118.7	2,581	53.18	120.6	1,665	34.28	82.8
Transportation equipment:									
1946	—	39.85	94.2	—	40.45	95.4	—	24.99	62.0
1947	—	44.75	102.6	—	45.27	103.6	—	30.51	74.6
1948	2,419	48.90	113.2	2,442	49.33	114.2	1,687	34.07	83.7
1949	2,465	50.54	117.8	2,494	51.08	118.8	1,706	34.93	88.2
1950	2,647	55.06	125.7	2,680	55.67	126.8	1,825	37.91	94.3
Non-ferrous metal products:									
1946	—	35.51	80.7	—	37.78	84.9	—	20.90	51.1
1947	—	40.79	92.5	—	42.91	96.2	—	24.91	61.8
1948	2,251	45.26	103.1	2,350	47.45	107.1	1,349	27.23	66.9
1949	2,419	48.26	108.7	2,521	50.26	112.7	1,437	28.63	68.5
1950	2,516	50.34	113.9	2,619	52.51	118.0	1,490	29.88	72.0
Electrical apparatus and supplies:									
1946	—	32.39	77.3	—	36.34	85.1	—	24.38	60.5
1947	—	39.11	91.8	—	43.28	99.5	—	30.04	73.8
1948	2,125	44.06	105.4	2,319	48.01	112.7	1,614	33.42	84.6
1949	2,288	46.10	109.5	2,493	50.38	117.7	1,740	35.18	87.3
1950	2,414	49.90	117.7	2,649	55.03	127.1	1,788	37.14	92.4
Non-metallic mineral products:									
1946	—	32.78	71.1	—	34.11	73.2	—	21.97	52.3
1947	—	38.93	83.9	—	40.20	85.9	—	27.75	63.8
1948	2,080	43.20	93.1	2,138	44.46	95.0	1,443	30.00	70.1
1949	2,193	45.22	98.3	2,252	46.45	100.1	1,540	31.10	74.4
1950	2,338	48.72	105.0	2,408	50.26	107.4	1,500	31.32	75.3
Products of petroleum and coal:									
1946	—	37.88	90.4	—	38.01	90.5	—	—	—
1947	—	44.02	104.6	—	44.06	104.7	—	—	—
1948	2,435	50.14	119.1	2,445	50.18	119.2	1,345	—	—
1949	2,602	52.54	125.4	2,613	52.58	125.5	1,435	—	—
1950	2,776	56.00	135.6	2,787	56.09	135.8	1,532	—	—
Chemical and allied products:									
1946	—	32.46	73.1	—	35.97	79.4	—	19.35	47.2
1947	—	37.14	84.8	—	40.90	91.5	—	21.99	54.7
1948	2,029	41.05	93.3	2,227	45.03	100.3	1,223	24.72	61.2
1949	2,194	43.28	97.7	2,404	47.40	105.1	1,334	26.32	64.5
1950	2,325	46.52	107.2	2,541	50.54	114.6	1,410	28.07	70.0
Miscellaneous industries:									
1946	—	26.94	62.8	—	30.91	70.4	—	19.43	47.4
1947	—	31.18	73.7	—	35.75	81.8	—	22.67	57.1
1948	1,652	33.84	80.0	1,920	39.33	90.2	1,244	25.49	63.1
1949	1,718	35.14	82.1	2,006	41.38	93.4	1,292	26.66	65.5
1950	1,803	38.01	88.8	2,106	44.48	100.4	1,365	28.83	71.0

Note: Average annual earnings cannot be calculated without a recompilation of the figures for 1946 and 1947 on the new standard classification basis.

Average Annual, Weekly and Hourly Earnings of Salaried Employees. Beginning with 1946 the survey on weekly earnings and hours worked by wage-earners was expanded to include salaried employees as well. The survey covers establishments employing 15 hands or over and refers to the last week in November for 1946 and 1947, and to the last week in October for 1948-50. Earnings and hours worked are reported for male and female wage-earners and salaried employees in 13 groups of hours ranging from 30 hours or less to 65 hours or more. The earnings reported for the week is the gross amount paid before deductions for income tax, unemployment insurance, etc. Weekly and hourly earnings as well as the hours worked are thus obtained directly from the tabulated results of the establishments covered. The annual earnings, however, have to be calculated as they are not directly obtained from the survey. To calculate annual earnings the results on weekly earnings are correlated with the results obtained through the annual Census of Industry. To illustrate the method used the following case will be used.

In 1949 the paper products group, according to the annual census of industry, reported 9,077 male and 3,573 female salaried employees with total payments of $46,537,336. From the October survey on weekly earnings this group showed $77.41 per week for male and $34.88 per week for female salaried employees. The proportion of female to male earnings is therefore .451 $\left\{\frac{\$34.88}{\$77.41}\right\}$ Female employees are first reduced to a male basis and the calculation is then as follows:

Annual Earnings of Male Employees

$$\frac{\$46,537,336}{9,077 + .451\ (3,573)} = \frac{\$46,537,336}{10,688} = \$4,354$$

Annual Earnings of Female Employees

$$\$4,354 \times .451 = \$1,964$$

In the above calculation the assumption is made that annual earnings of male and female employees vary in the same proportion as their weekly earnings. In the above illustration it may also be noted that the calculated annual earnings for male employees amounting to $4,354 are higher than the weekly earnings multiplied by 52 which total only $4,025 ($77.41 x 52). This difference is due to the fact that the earnings reported to the Census of Industry include payments to executives as well as bonuses to employees which are usually paid at the end of the year, while the earnings reported for the one week in the year exclude such payments.

It is the intention in future to alternate the system of classifying employees. One year the basis will be the hours worked per week and the following year it will be on the basis of the earnings per week. Information will thus be made available on both the number of hours worked as well as the range of weekly earnings of employees engaged in manufacturing.

Annual earnings of male salaried employees in 1950 averaged $3,507, weekly earnings $69.35 and hourly earnings $1.72. For female salaried employees annual earnings averaged $1,739, weekly earnings $34.38 and hourly earnings 89.5 cents.

The following table gives the weekly and hourly earnings of male and female salaried employees for each province and major industrial group for the year 1950.

Average Weekly and Hourly Earnings of Male and Female Salaried Employees by Provinces and Industrial Groups, 1950

Province and Industrial Group	Male earnings		Female earnings	
	Weekly	Hourly	Weekly	Hourly
	$	cents	$	cents
Province				
Newfoundland	63.33	146.7	26.55	66.6
Prince Edward Island	48.55	118.5	24.92	60.6
Nova Scotia	61.20	149.3	29.18	72.8
New Brunswick	61.40	142.8	28.71	72.5
Quebec	68.13	168.2	34.41	89.6
Ontario	71.40	179.4	34.84	91.4
Manitoba	62.42	151.1	32.01	80.4
Saskatchewan	58.13	136.8	32.34	78.3
Alberta	62.62	150.2	32.47	81.6
British Columbia	69.77	173.6	35.23	90.3
Canada	**69.35**	**172.5**	**34.38**	**89.5**
Industrial Group				
Foods and beverages	64.05	154.3	32.92	83.8
Tobacco and tobacco products	67.18	174.0	39.48	104.2
Rubber products	67.97	169.5	33.26	86.4
Leather products	61.26	145.2	30.92	78.9
Textile products (except clothing)	71.48	174.8	33.08	85.5
Clothing (textile and fur)	64.27	157.1	33.33	86.1
Wood products	65.90	154.7	32.85	83.8
Paper products	81.14	204.9	35.64	94.3
Printing, publishing and allied industries	61.75	161.2	32.56	85.7
Iron and steel products	69.29	173.7	33.91	88.5
Transportation equipment	76.07	182.0	38.21	96.0
Non-ferrous metal products	74.95	184.6	35.27	92.1
Electrical apparatus and supplies	68.11	175.5	35.99	94.7
Non-metallic mineral products	67.41	167.3	33.85	89.1
Products of petroleum and coal	72.64	194.2	38.52	113.0
Chemical and allied products	71.22	183.6	36.05	96.1
Miscellaneous industries	66.78	173.9	33.78	88.0

TABLE 36. Average Annual, Weekly and Hourly Earnings of Salaried Workers Employed in the Manufacturing Industries, 1946-50

Year	All salaried employees			Male salaried employees			Female salaried employees		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	$	$	$	$	$	$	$	$	$
1946	2,270	43.85	1.067	—	53.21	1.267	—	25.91	0.656
1947	2,484	49.78	1.232	—	60.21	1.461	—	28.68	0.737
1948	2,687	52.91	1.313	3,147	63.47	1.544	1,551	31.26	0.805
1949	2,836	54.85	1.368	3,317	65.37	1.602	1,655	32.62	0.845
1950	2,998	58.74	1.480	3,507	69.35	1.725	1,739	34.38	0.895

TABLE 37. Average Annual, Weekly and Hourly Earnings of Salaried Employees in the Manufacturing Industries, by Provinces, 1946-50

Year and Province	All salaried employees			Male			Female		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	$	$	cents	$	$	cents	$	$	cents
Newfoundland:									
1950	1,921	54.95	128.9	2,087	63.33	146.7	868	26.55	66.6
Prince Edward Island:									
1950	1,571	40.35	98.4	1,747	48.55	118.5	896	24.92	60.6
Nova Scotia:									
1946	–	39.89	92.5	–	46.36	106.2	–	23.54	57.8
1947	–	45.34	108.2	–	53.44	125.4	–	25.67	64.2
1948	2,036	48.42	116.1	2,292	56.49	133.2	1,107	27.29	68.4
1949	2,179	50.47	124.6	2,455	59.45	145.3	1,169	28.29	71.4
1950	2,335	52.55	128.8	2,635	61.20	149.3	1,257	29.18	72.8
New Brunswick:									
1946	–	40.33	93.3	–	48.25	108.9	–	22.68	55.4
1947	–	44.59	102.3	–	53.56	120.1	–	24.78	60.1
1948	2,204	46.70	109.3	2,516	55.94	127.7	1,208	26.86	66.5
1949	2,233	48.42	113.1	2,568	57.64	131.6	1,243	27.88	68.6
1950	2,404	51.60	122.9	2,774	61.40	142.8	1,298	28.71	72.5
Quebec:									
1946	–	44.57	107.4	–	53.30	125.4	–	26.63	67.2
1947	–	49.45	121.8	–	59.09	143.1	–	28.95	74.0
1948	2,699	52.39	129.0	3,119	62.20	150.2	1,581	31.52	80.8
1949	2,812	54.66	135.3	3,256	64.41	156.7	1,670	33.05	85.2
1950	2,981	58.10	146.0	3,461	68.13	168.2	1,747	34.41	89.6
Ontario:									
1946	–	43.82	108.2	–	54.19	131.2	–	25.87	66.0
1947	–	50.46	126.1	–	62.01	152.0	–	28.84	75.0
1948	2,816	53.63	134.7	3,373	65.20	160.5	1,626	31.40	81.8
1949	2,990	55.32	139.3	3,563	66.81	165.4	1,746	32.74	85.5
1950	3,150	59.81	152.2	3,749	71.40	179.4	1,830	34.84	91.4
Manitoba:									
1946	–	41.46	97.1	–	48.93	113.0	–	23.76	57.8
1947	–	46.07	110.5	–	54.62	129.4	–	26.07	64.5
1948	2,563	49.68	118.8	2,981	58.98	138.8	1,404	28.21	69.8
1949	2,729	52.98	128.3	3,150	62.19	148.4	1,534	30.30	75.9
1950	2,818	54.21	132.5	3,239	62.42	151.1	1,662	32.01	80.4
Saskatchewan:									
1946	–	38.78	90.4	–	46.10	105.5	–	24.20	58.6
1947	–	41.95	99.6	–	50.47	117.4	–	25.90	63.2
1948	1,937	44.90	107.1	2,216	54.52	128.6	1,148	28.25	68.7
1949	2,085	45.18	107.0	2,364	53.23	124.6	1,300	29.30	71.3
1950	2,317	49.76	118.2	2,640	58.13	136.8	1,468	32.34	78.3
Alberta:									
1946	–	39.34	91.7	–	46.30	106.2	–	23.66	57.0
1947	–	44.32	104.5	–	51.68	120.2	–	26.62	64.9
1948	2,122	48.20	113.4	2,382	55.81	129.2	1,239	29.04	71.3
1949	2,311	51.80	122.7	2,610	60.06	140.3	1,334	30.72	75.6
1950	2,454	55.05	133.3	2,777	62.62	150.2	1,441	32.47	81.6
British Columbia:									
1946	–	46.59	111.2	–	54.10	127.6	–	27.36	67.4
1947	–	52.89	130.3	–	61.70	150.5	–	30.07	75.7
1948	2,522	56.38	138.8	2,835	65.16	158.9	1,451	33.40	84.5
1949	2,758	57.91	143.3	3,133	66.92	164.4	1,579	33.73	85.2
1950	2,871	60.83	152.5	3,242	69.77	173.6	1,637	35.23	90.3

Note. Average annual earnings cannot be calculated without a recompilation of the figures for 1946 and 1947 on the new standard classification basis.

TABLE 38. Average Annual, Weekly and Hourly Earnings of Salaried Employees in the Manufacturing Industries, by Industrial Groups, 1946-50

Year and Group	All salaried employees			Male			Female		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	$	$	cents	$	$	cents	$	$	cents
Foods and beverages:									
1946	–	41.33	97.9	–	49.90	115.5	–	24.62	61.1
1947	–	47.23	114.6	–	57.19	136.1	–	27.75	69.9
1948	2,384	52.01	125.6	2,792	62.62	147.0	1,348	30.24	76.7
1949	2,518	52.31	126.9	2,930	62.27	147.7	1,490	31.64	80.3
1950	2,693	55.06	134.6	3,129	64.05	154.3	1,608	32.92	83.8
Tobacco and tobacco products:									
1946	–	39.94	96.7	–	51.45	122.2	–	25.17	62.3
1947	–	44.21	109.4	–	54.68	133.0	–	28.96	73.9
1948	2,863	52.47	130.5	3,412	64.94	159.1	1,836	34.92	88.8
1949	3,109	54.17	135.4	3,667	65.26	161.1	2,057	36.63	93.4
1950	3,256	57.86	150.7	3,821	67.18	174.0	2,247	39.48	104.2
Rubber products:									
1946	–	44.97	111.3	–	54.64	133.6	–	25.17	64.2
1947	–	48.69	123.9	–	58.64	147.7	–	27.34	71.2
1948	2,800	51.84	132.2	3,333	61.95	156.0	1,606	29.88	78.2
1949	2,974	53.70	137.0	3,491	63.53	160.0	1,697	30.90	80.9
1950	3,070	58.09	146.7	3,597	67.97	169.5	1,759	33.26	86.4
Leather products:									
1946	–	37.93	88.0	–	45.12	101.4	–	23.66	58.7
1947	–	45.06	107.5	–	54.25	125.6	–	26.21	67.0
1948	2,898	47.20	114.0	3,409	56.83	133.7	1,684	28.08	71.6
1949	3,033	48.95	117.9	3,533	57.94	136.0	1,819	29.86	76.2
1950	3,103	51.36	124.7	3,640	61.26	145.2	1,838	30.92	78.9
Textile products (except clothing):									
1946	–	48.08	115.8	–	59.30	139.2	–	27.07	68.7
1947	–	50.19	121.8	–	62.82	149.2	–	27.53	69.9
1948	3,111	53.32	130.0	3,856	66.48	157.9	1,742	30.02	76.6
1949	3,199	53.69	130.9	3,884	65.47	156.2	1,864	31.46	80.2
1950	3,369	58.61	145.8	4,134	71.48	174.8	1,914	33.08	85.5
Clothing (textile and fur):									
1946	–	38.00	91.5	–	47.65	111.6	–	25.13	63.1
1947	–	44.91	110.1	–	57.75	137.5	–	28.30	72.2
1948	3,004	45.97	112.4	3,691	58.76	139.2	1,897	30.22	76.7
1949	3,132	48.04	118.3	3,817	60.25	144.5	2,031	32.08	82.0
1950	3,233	51.12	127.8	3,964	64.27	157.1	2,057	33.33	86.1
Wood products:									
1946	–	42.65	97.6	–	50.08	110.8	–	24.92	62.0
1947	–	50.11	117.6	–	58.70	134.0	–	27.43	69.2
1948	1,727	51.99	122.6	1,853	60.46	138.6	917	29.93	76.1
1949	1,905	54.15	127.7	2,038	62.56	143.8	1,015	31.14	79.0
1950	2,079	56.92	136.5	2,227	65.90	154.7	1,109	32.85	83.8
Paper products:									
1946	–	52.29	127.8	–	62.49	150.2	–	27.45	69.7
1947	–	59.44	149.0	–	70.72	175.0	–	31.33	81.1
1948	3,475	62.64	155.8	4,069	73.69	181.0	1,921	34.82	90.0
1949	3,679	65.57	164.3	4,354	77.41	191.6	1,964	34.88	90.8
1950	3,866	68.96	176.4	4,576	81.14	204.9	2,009	35.64	94.3

TABLE 38. Average Annual, Weekly and Hourly Earnings of Salaried Employees in the Manufacturing Industries, by Industrial Groups, 1946-50 — Concluded

Year and Group	All salaried employees			Male			Female		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	$	$	cents	$	$	cents	$	$	cents
Printing, publishing and allied industries:									
1946	—	37.07	92.9	—	45.76	112.7	—	24.30	62.3
1947	—	41.86	106.0	—	50.21	125.5	—	26.84	69.3
1948	2,400	43.75	112.2	2,860	53.76	136.4	1,533	28.82	75.2
1949	2,368	46.55	120.3	2,879	57.12	145.7	1,526	30.30	80.1
1950	2,500	50.71	132.7	3,040	61.75	161.2	1,602	32.56	85.7
Iron and steel products:									
1946	—	50.14	122.6	—	52.88	127.4	—	25.43	64.7
1947	—	50.22	124.9	—	59.60	146.1	—	27.92	72.3
1948	2,865	53.41	133.2	3,358	63.09	155.0	1,617	30.35	78.6
1949	3,095	55.77	140.1	3,574	65.17	161.7	1,762	32.13	83.7
1950	3,215	59.71	151.2	3,715	69.29	173.7	1,817	33.91	88.5
Transportation equipment:									
1946	—	50.14	118.8	—	57.95	135.4	—	28.08	69.3
1947	—	55.47	134.9	—	64.15	154.2	—	30.62	77.1
1948	3,087	59.72	143.5	3,494	68.03	161.6	1,768	34.44	85.7
1949	3,277	62.04	149.5	3,713	71.01	169.5	1,827	34.95	87.1
1950	3,521	66.98	161.8	3,980	76.07	182.0	1,998	38.21	96.0
Non-ferrous metal products:									
1946	—	47.22	113.5	—	57.07	134.6	—	27.71	69.1
1947	—	54.49	133.2	—	64.87	155.9	—	30.41	77.6
1948	2,921	57.70	140.7	3,426	68.57	164.4	1,644	32.91	84.1
1949	3,189	60.25	147.3	3,776	71.43	170.9	1,794	33.95	87.5
1950	3,349	63.55	159.3	3,938	74.95	184.6	1,855	35.27	92.1
Electrical apparatus and supplies:									
1946	—	45.46	114.8	—	54.74	136.5	—	27.68	71.7
1947	—	50.08	125.5	—	60.51	149.0	—	29.66	76.8
1948	2,767	52.96	135.8	3,267	62.39	158.7	1,735	33.14	86.5
1949	2,990	55.15	141.4	3,489	64.32	163.6	1,877	34.58	90.3
1950	3,083	58.61	151.8	3,608	68.11	175.5	1,905	35.99	94.7
Non-metallic mineral products:									
1946	—	43.29	104.5	—	50.47	119.3	—	25.96	66.2
1947	—	50.43	123.3	—	58.09	140.6	—	29.76	74.4
1948	2,642	53.45	132.0	3,005	62.03	150.2	1,512	31.22	81.7
1949	2,837	53.94	135.2	3,218	62.87	154.1	1,635	31.96	84.5
1950	2,970	58.29	146.8	3,388	67.41	167.3	1,701	33.85	89.1
Products of petroleum and coal:									
1946	—	47.66	120.6	—	54.05	135.4	—	26.33	68.9
1947	—	55.06	141.9	—	61.43	157.1	—	32.07	86.0
1948	2,925	59.97	157.0	3,258	66.31	172.2	1,753	35.68	96.2
1949	3,100	61.40	161.6	3,490	68.49	177.4	1,769	34.70	96.1
1950	3,260	65.59	178.7	3,662	72.64	194.2	1,941	38.52	113.0
Chemical and allied products:									
1946	—	43.88	111.1	—	55.92	139.8	—	27.08	69.8
1947	—	49.19	126.1	—	62.01	157.0	—	30.28	79.0
1948	2,801	51.60	133.0	3,394	63.56	161.7	1,731	32.41	85.3
1949	2,883	54.89	141.8	3,481	67.30	171.7	1,782	34.46	91.1
1950	3,035	59.87	156.3	3,671	71.22	183.6	1,858	36.05	96.1
Miscellaneous industries:									
1946	—	39.89	92.5	—	51.41	122.7	—	25.62	66.2
1947	—	45.34	108.2	—	61.81	150.0	—	29.22	75.7
1948	2,036	48.42	116.1	3,148	61.75	149.9	1,587	31.15	81.5
1949	2,179	50.47	124.6	3,435	63.44	154.3	1,700	31.43	83.6
1950	3,059	54.51	136.3	3,685	66.78	173.9	1,865	33.78	88.0

Note. Average annual earnings cannot be calculated without a recompilation of the figures for 1946 and 1947 on the new standard classification basis.

Distribution of Employees on the Basis of Weekly Earnings. Manufacturers were required to classify their male and female wage-earners and salaried employees into 16 groups of earnings, from $10 or less to $100 or more, rising by $5 intervals from $10 to $59.99, and by $10 intervals from $60 to $99.99. The 1950 survey which covered the last pay period in October made available data on the distribution of employees by earnings groups for the first time since the Census of Manufactures survey in January 1944. The data in the two surveys are not strictly comparable, largely because the earlier surveys included establishments employing less than 15 persons and were conducted for a different period of the year. Also the 1944 survey reflected wartime conditions.

Variation in the provincial distribution of employees by amounts earned are obviously related to pay levels, occupational and sex differences, number of casual and part-time workers, and length of the working week in the more important industries in each area. Most of the employees in the low-earnings ranges are casually-employed workers, or those who do not work full time in the week. Part-time work is particularly common among women; the 1949 survey showed that 12.8 p.c. of the women wage-earners reported in manufacturing worked 30 hours or less, as compared with 4.3 p.c. for men. Short-time or casual work is characteristic of such industries as fish processing and fruit and vegetable canning, the duration of employment depending on the immediate availability of materials.

The tremendous change in the level of incomes of factory workers since the war is strikingly illustrated in Table 39. Whereas in 1940 only 3 p.c. of male wage-earners and none of the female wage-earners received $50 or more per week, in 1950 these percentages jumped to 52 and 4 respectively. The percentage of employees in the lower income groups declined accordingly. Whereas in 1940, 72 p.c. of male wage-earners received less than $30 per week, in 1950 the percentage declined to 8. For female wage-earners the percentage in these groups declined from 99 to 54.

For salaried workers information on the distribution by income groups is only available for 1944 and 1950. Salaries, too, advanced to unprecedented heights. The percentage of male salaried workers receiving $50 or more per week rose to 73 in 1950 from 39 in 1944, while for females the percentage in 1950 was 7 as compared with none in 1944. Tables 40 and 41 give the distribution by income groups of male and female wage-earners as well as salaried workers by provinces and major industrial groups for 1950.

TABLE 39. Distribution of Employees in the Manufacturing Industries, by Classes of Weekly Earnings, 1934-50

Range of earnings	Male wage-earners					Female wage-earners					Male salaried employees		Female salaried employees	
	1934	1936	1940	1944	1950	1934	1936	1940	1944	1950	1944	1950	1944	1950
	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.
Under $10.00	12	10	6	3	1	34	30	23	10	3	1	—	2	—
$10.00–$19.99	43	40	29	9	2	61	65	68	45	16	6	1	31	4
20.00– 29.99	32	35	37	25	5	4	4	8	33	35	13	5	52	27
30.00– 39.99	10	11	19	31	14	1	1	1	10	30	21	8	13	43
40.00– 49.99	2	3	6	20	26	—	—		2	12	20	13	2	19
50.00– 59.99	1	1	3	9	28	—	—	—	—	2	15	19	—	5
60.00– 69.99				2	14	—	—	—	—	2	9	17	—	1
70.00 and over				1	10	—	—	—	—	—	15	37	—	1
	100	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**
Average weekly earnings	$20.31	$20.92	$24.32	$34.95	$50.93	$11.80	$12.20	$13.52	$20.89	$29.00	$46.24	$69.35	$23.79	$34.38

TABLE 40. Distribution of Employees in the Manufacturing Industries, by Classes of Weekly Earnings and by Sex and Province, 1950

Province	Class range										Average weekly earnings
	Under $20.00	$20.00 to $29.99	$30.00 to $39.99	$40.00 to $49.99	$50.00 to $59.99	$60.00 to $69.99	$70.00 to $79.99	$80.00 to $89.99	$90.00 to $99.99	$100.00 and over	
	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	$
Male wage-earners:											
Newfoundland[1]											50.85
Prince Edward Island[1]											35.97
Nova Scotia	4	14	22	27	20	8	3	1	1	—	42.98
New Brunswick	7	12	25	19	20	9	5	2	1	—	44.45
Quebec	4	8	18	27	23	11	5	2	1	1	48.15
Ontario	3	3	11	25	28	17	8	3	1	1	53.33
Manitoba	3	5	18	29	32	9	3	1	—	—	48.30
Saskatchewan	4	5	21	38	21	9	2	—	—	—	45.58
Alberta	3	4	16	36	29	8	3	1	—	—	47.09
British Columbia	3	2	6	23	41	15	6	2	1	1	53.34
Canada	**3**	**5**	**14**	**26**	**28**	**14**	**6**	**2**	**1**	**1**	**50.93**

1. "Breakdown by class range not available".

TABLE 40. Distribution of Employees in the Manufacturing Industries, by Classes of Weekly Earnings and by Sex and Province, 1950 — Concluded

Province	Class range										Average weekly earnings
	Under $20.00	$20.00 to $29.99	$30.00 to $39.99	$40.00 to $49.99	$50.00 to $59.99	$60.00 to $69.99	$70.00 to $79.99	$80.00 to $89.99	$90.00 to $99.99	$100.00 and over	
	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	$
Female wage-earners:											
Newfoundland[1]											17.72
Prince Edward Island[1]											16.46
Nova Scotia	50	38	9	3	—	—	—	—	—	—	20.89
New Brunswick	39	32	20	8	1	—	—	—	—	—	24.01
Quebec	24	37	27	9	3	—	—	—	—	—	27.65
Ontario	14	33	34	15	3	1	—	—	—	—	30.69
Manitoba	20	46	23	8	2	1	—	—	—	—	27.56
Saskatchewan	15	35	32	18	—	—	—	—	—	—	29.17
Alberta	11	35	34	19	1	—	—	—	—	—	30.61
British Columbia	14	32	37	14	3	—	—	—	—	—	30.84
Canada	**19**	**35**	**30**	**12**	**2**	**1**	**—**	**1**	**—**	**—**	**29.00**
Male salaried employees:											
Newfoundland[1]											63.33
Prince Edward Island[1]											48.55
Nova Scotia	1	5	12	17	20	19	8	7	4	7	61.20
New Brunswick	1	8	15	16	20	14	9	5	4	8	61.40
Quebec	1	6	10	15	18	16	10	7	4	13	68.13
Ontario	—	3	7	13	19	18	13	9	5	13	71.40
Manitoba	1	5	12	18	20	15	12	5	3	9	62.42
Saskatchewan	—	6	13	19	23	16	9	4	4	6	58.13
Alberta	2	5	9	17	20	18	12	6	3	8	62.62
British Columbia	1	2	6	13	19	19	13	10	6	11	69.77
Canada	**1**	**5**	**8**	**13**	**19**	**17**	**12**	**8**	**5**	**12**	**69.35**
Female Salaried employees:											
Newfoundland[1]											26.55
Prince Edward Island[1]											24.92
Nova Scotia	7	47	37	7	1	1	—	—	—	—	29.18
New Brunswick	11	49	30	8	2	—	—	—	—	—	28.71
Quebec	6	27	39	20	6	2	—	—	—	—	34.41
Ontario	4	26	45	20	4	1	—	—	—	—	34.84
Manitoba	3	42	39	12	3	1	—	—	—	—	32.01
Saskatchewan	1	36	49	11	2	1	—	—	—	—	32.34
Alberta	4	32	47	13	3	1	—	—	—	—	32.47
British Columbia	4	23	47	19	5	1	1	—	—	—	35.23
Canada	**4**	**27**	**43**	**19**	**5**	**1**	**1**	**—**	**—**	**—**	**34.38**

TABLE 41. Distribution of Employees in the Manufacturing Industries, by Classes of Weekly Earnings and by Sex and Industrial Group, 1950

Group	Class range										Average weekly earnings
	Under $20.00	$20.00 to $29.99	$30.00 to $39.99	$40.00 to $49.99	$50.00 to $59.99	$60.00 to $69.99	$70.00 to $79.99	$80.00 to $89.99	$90.00 to $99.99	$100.00 and over	
	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	$
Male wage-earners:											
Foods and beverages	5	7	19	32	24	9	3	1	—	—	45.84
Tobacco and tobacco products	4	4	12	41	21	15	2	1	—	—	48.33
Rubber products	1	4	9	23	32	19	7	3	1	1	53.97
Leather products	12	16	24	27	15	5	1	—	—	—	38.96
Textile products (except clothing)	3	7	28	33	19	7	2	1	—	—	44.17
Clothing (textile and fur)	7	13	21	21	16	11	6	3	1	1	46.35
Wood products	5	10	23	26	25	7	2	1	1	—	44.48
Paper products	3	2	7	17	33	19	10	5	2	2	57.77
Printing, publishing and allied industries	5	9	12	12	15	18	13	7	4	5	57.64
Iron and steel products	2	3	9	29	30	15	7	3	1	1	53.18
Transportation equipment	1	2	9	22	33	18	10	3	1	1	55.67
Non-ferrous metal products	3	3	10	24	36	18	4	1	1	—	52.51
Electrical apparatus and supplies	2	3	8	26	28	19	9	3	1	1	55.03
Non-metallic mineral products	3	3	14	31	30	13	5	1	—	—	50.26
Products of petroleum and coal	—	—	4	21	38	26	7	2	1	1	56.09
Chemicals and allied products	1	3	13	32	33	12	4	1	1	—	50.54
Miscellaneous industries	4	10	24	28	21	8	3	1	1	—	44.48
All groups	**3**	**5**	**14**	**26**	**28**	**14**	**6**	**2**	**1**	**1**	**50.93**

1. "Breakdown by class range not available".

TABLE 41. Distribution of Employees in the Manufacturing Industries, by Classes of Weekly Earnings and by Sex and Industrial Group, 1950 — Concluded

Group	Class range										Average weekly earnings
	Under $20.00	$20.00 to $29.99	$30.00 to $39.99	$40.00 to $49.99	$50.00 to $59.99	$60.00 to $69.99	$70.00 to $79.99	$80.00 to $89.99	$90.00 to $99.99	$100.00 and over	
	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	$
Female wage-earners:											
Foods and beverages	28	40	25	7	—	—	—	—	—	—	25.35
Tobacco and tobacco products	4	14	48	26	8	—	—	—	—	—	36.83
Rubber products	10	20	41	24	4	1	—	—	—	—	34.23
Leather products	33	42	20	4	1	—	—	—	—	—	24.20
Textile products (except clothing)	11	30	43	13	3	—	—	—	—	—	31.49
Clothing (textile and fur)	24	42	23	8	2	1	—	—	—	—	26.75
Wood products	17	37	25	16	4	1	—	—	—	—	30.34
Paper products	17	39	34	9	1	—	—	—	—	—	28.71
Printing, publishing and allied industries	25	36	30	7	1	1	—	—	—	—	26.80
Iron and steel products	8	25	38	23	5	1	—	—	—	—	34.28
Transportation equipment	9	13	30	36	9	3	—	—	—	—	37.91
Non-ferrous metal products	20	34	26	14	4	1	—	1	—	—	29.88
Electrical apparatus and supplies	5	19	38	28	7	2	—	1	—	—	37.14
Non-metallic mineral products	14	32	31	20	3	—	—	—	—	—	31.32
Products of petroleum and coal[1]											
Chemicals and allied products	17	45	27	10	1	—	—	—	—	—	28.07
Miscellaneous industries	16	43	28	11	2	—	—	—	—	—	28.83
All groups	**19**	**35**	**30**	**12**	**2**	**1**	**—**	**1**	**—**	**—**	**29.00**
Male salaried employees:											
Foods and beverages	1	5	10	18	22	17	9	6	3	9	64.05
Tobacco and tobacco products	—	3	9	19	24	17	10	6	3	9	67.18
Rubber products	—	3	10	13	19	21	12	7	5	10	67.97
Leather products	2	6	14	18	20	15	8	4	2	11	61.26
Textile products (except clothing)	1	6	8	13	20	16	11	7	4	14	71.48
Clothing (textile and fur)	4	10	11	15	15	13	9	5	3	15	64.27
Wood products	1	3	9	16	20	17	11	8	5	10	65.90
Paper products	—	3	5	11	17	15	11	10	7	21	81.14
Printing, publishing and allied industries	5	9	13	16	15	12	9	6	4	11	61.75
Iron and steel products	1	3	8	15	19	18	12	8	5	11	69.29
Transportation equipment	—	2	5	10	15	18	18	12	6	14	76.07
Non-ferrous metal products	—	2	5	10	17	22	14	9	7	14	74.95
Electrical apparatus and supplies	—	2	6	14	22	20	13	8	5	10	68.11
Non-metallic mineral products	—	3	9	15	22	18	12	6	4	11	67.41
Products of petroleum and coal	—	1	5	12	21	16	13	13	7	12	72.64
Chemicals and allied products	—	3	8	14	19	18	11	9	5	13	71.22
Miscellaneous industries	1	5	11	16	19	16	10	6	4	12	66.78
All groups	**1**	**5**	**8**	**13**	**19**	**17**	**12**	**8**	**5**	**12**	**69.35**
Female salaried employees:											
Foods and beverages	6	29	43	17	4	1	—	—	—	—	32.92
Tobacco and tobacco products	2	17	33	39	8	1	—	—	—	—	39.48
Rubber products	3	29	49	15	3	1	—	—	—	—	33.26
Leather products	11	38	32	15	3	1	—	—	—	—	30.92
Textile products (except clothing)	4	33	42	14	5	1	—	1	—	—	33.08
Clothing (textile and fur)	9	32	33	17	5	2	1	—	—	1	33.33
Wood products	8	31	39	16	4	1	1	—	—	—	32.85
Paper products	4	23	42	23	6	2	—	—	—	—	35.64
Printing, publishing and allied industries	6	36	38	13	4	2	1	—	—	—	32.56
Iron and steel products	3	28	46	17	4	2	—	—	—	—	33.91
Transportation equipment	—	17	42	30	9	2	—	—	—	—	38.21
Non-ferrous metal products	3	24	46	21	5	1	—	—	—	—	35.27
Electrical apparatus and supplies	1	21	50	22	5	1	—	—	—	—	35.99
Non-metallic mineral products	2	31	46	17	3	1	—	—	—	—	33.85
Products of petroleum and coal	1	14	47	29	6	2	1	—	—	—	38.52
Chemicals and allied products	2	19	49	22	6	1	1	—	—	—	36.05
Miscellaneous industries	4	27	46	17	4	2	—	—	—	—	33.78
All groups	**4**	**27**	**43**	**19**	**5**	**1**	**1**	**—**	**—**	**—**	**34.38**

1. Information not available.

Real Earnings of Employees in Recent Years. When the index number representing the average yearly wages is divided by the index number of the cost of living, on the same base, a measure of "real" wages is obtained. Index numbers for 1931 to 1950 are given in Table 42. In 1933, the height of the depression, real wages were 88.3 on the 1935-39 base. From then on they rose steadily and stood at 141.1 in 1944, an increase of about 60 p.c. In 1946 real wages dropped to 131.6 and rose again to 140.7 in 1950.

TABLE 42. Average Yearly Earnings, and Index Numbers of Earnings, Cost of Living and Real Wages of Wage-Earners, in the Manufacturing Industries, 1931-50

Year	Wages paid	Average wage-earners	Average yearly earnings	Index numbers (1935-39 = 100)		
				Average yearly earnings	Cost of living	Real value of average yearly earnings
	$	No.	$			
1931	415,277,895	437,149	950	101.9	109.1	93.4
1932	322,245,926	381,783	844	90.6	99.0	91.5
1933	296,929,878	382,022	777	83.4	94.4	88.3
1934	355,090,929	427,717	830	89.1	95.7	93.1
1935	399,012,697	458,734	870	93.3	96.2	97.0
1936	438,873,377	489,942	896	96.1	98.1	98.0
1937	525,743,562	544,624	965	103.5	101.2	102.3
1938	498,282,208	521,427	956	102.6	102.2	100.4
1939	519,971,819	533,342	975	104.6	101.5	103.1
1940	679,273,104	626,484	1,084	116.3	105.6	110.1
1941	978,525,782	802,234	1,220	130.9	111.7	117.2
1942	1,347,934,049	974,904	1,383	148.4	117.0	126.8
1943	1,598,434,879	1,047,873	1,525	163.6	118.4	138.2
1944	1,611,555,776	1,030,324	1,564	167.8	118.9	141.1
1945	1,427,915,830	928,665	1,538	165.0	119.5	138.1
1946	1,329,811,478	877,150	1,516	162.7	123.6	131.6
1947	1,611,232,166	940,650	1,713	183.8	135.5	135.6
1948	1,876,773,231	957,491	1,960	210.3	155.0	135.7
1949	1,963,462,720	949,656	2,067	221.9	160.8	138.0
1950	2,078,634,086	952,244	2,183	234.2	166.5	140.7

Percentages of Salaries and Wages to Net Value of Products. Table 43 shows the relation between salaries and wages paid by manufacturers and the total net value of production. Figures of gross production are often used in such calculations, but the values out of which the wages of employees must come in the long run are the values added to the raw materials while they are in the factory. Such added values constitute the real production of the manufacturing plant and are alone available for payment of salaries and wages, interest, rent, taxes, repairs and all other overhead charges that ordinarily must be met. The percentage of salaries declined steadily with the increasing manufacturing production from 1924 to 1929, while from 1931 to 1935 and again in 1938 and 1939, due to decreased industrial activity, the percentage of salaries to value added was above normal. It should be borne in mind, however, that salaried employees increased 230 p.c. during the period 1924-50 while wage-earners increased 128 p.c. The percentage of wages has fluctuated much less than that of salaries. The number of wage-earning employees may be more rapidly adjusted to the activity of the industry and wage levels likewise may be more readily adjusted to the price levels of the products. Of the increase in the net value of production since 1939 amounting to $4,411,006,328, $2,033,456,282 or 46 p.c. was passed along in increased salaries and wages.

TABLE 43. Percentages of Salaries and Wages Paid to the Total Net Values of Manufacturing Production, 1924-50

Year	Value added by processes of manufacture[1]	Salaries paid	Wages paid	Percentages		
				of salaries to value added	of wages to value added	of total salaries and wages to value added
	$	$	$	p.c.	p.c.	p.c.
1924	1,075,458,459	130,344,822	404,122,853	12.1	37.6	49.7
1925	1,167,936,726	133,409,498	436,534,944	11.4	37.4	48.8
1926	1,305,168,549	142,353,900	483,328,342	10.9	37.0	47.9
1927	1,427,649,292	151,419,411	511,285,921	10.6	35.8	46.4
1928	1,597,887,676	162,903,007	558,568,627	10.2	35.0	45.2
1929	1,755,386,937	175,553,710	601,737,507	10.0	34.3	44.3
1930	1,522,737,125	169,992,216	527,563,162	11.2	34.6	45.8
1931	1,252,017,248	172,289,095	415,277,895	13.8	33.2	47.0
1932	955,960,724	151,355,790	322,245,926	15.8	33.7	49.5
1933	919,671,181	139,317,946	296,929,878	15.1	32.3	47.4
1934	1,087,301,742	148,760,126	355,090,929	13.7	32.7	46.4
1935	1,153,485,104	160,455,080	399,012,697	13.9	34.6	48.5
1936	1,289,592,672	173,198,057	438,873,377	13.4	34.0	47.4
1937	1,508,924,867	195,983,475	525,743,562	13.0	34.8	47.8
1938	1,428,286,778	207,386,381	498,282,208	14.5	34.9	49.4
1939	1,531,051,901	217,839,334	519,971,819	14.2	34.0	48.2
1940	1,942,471,238	241,599,761	679,273,104	12.0	35.0	47.0
1941	2,605,119,788	286,336,861	978,525,782	11.0	37.6	48.6
1942	3,309,973,758	334,870,793	1,347,934,049	10.1	40.7	50.8
1943	3,816,413,541	388,857,505	1,598,434,879	10.2	42.0	52.2
1944	4,015,776,010	418,065,594	1,611,555,776	10.4	40.2	50.6
1945	3,564,315,899	417,857,619	1,427,915,830	11.7	40.1	51.8
1946	3,467,004,980	410,875,776	1,329,811,478	11.8	38.4	50.2
1947	4,292,055,802	474,693,800	1,611,232,166	11.0	37.6	48.6
1948	4,938,786,981	532,594,959	1,876,773,231	10.8	38.0	48.8
1949	5,330,566,434	628,427,937	1,963,462,720	11.8	36.8	48.6
1950	5,942,058,229	692,633,349	2,078,634,086	11.6	35.0	46.6

1. Equivalent to "net value of products", see footnote 1, Table 1.

Subsection 5. Size of Manufacturing Establishments

The size of the manufacturing establishment is generally measured either by the value of product or by the number of employees, but each of these methods has its limitations. The latter takes no account of the differences in capital equipment at different times or in various industries and obviously the increased use of machinery, as in the flour-milling industry, may lead to an increase in production concurrently with a decrease in number of employees. The former measure has to be adjusted for changes in the price level and, as between industries, it makes those in which the cost of raw materials is relatively high appear to operate on a larger scale.

Size as Measured by Gross Value of Products. While in 1922 the 420 establishments each producing over $1,000,000 had an aggregate value of products of $1,268,05€,129 or 51 p.c. of the total production of all manufacturing industries, the 719 establishments producing over $1,000,000 each in 1929 had an aggregate value of products of $2,516,0€4,954, or 62 p.c. of the grand total for all manufacturing establishments—a very significant change in the short period of eight years. In 1931, however, the number of plants with a production of over $1,000,000 dropped again to 482, their output being valued at $1,451,658,954, or 53 p.c. of the total. With the increased production resulting from war needs, the number of plants with a production of $1,000,000 or over jumped to 1,376 in 1944 and their output was about 75 p.c. of the total value of manufactures. With the end of the war and the consequent decline in production of the huge war plants the number of establishments with a production of $1,000,000 or over, although increasing to 1,442 in 1946, nevertheless saw a decline in the proportion of their output to 67 p.c. of the total. With increased prices and an expansion in the physical volume of production during 1947 to 1950, establishments with a production of $1,000,000 or over increased to 2,047 while their contribution to the total output rose to 76 p.c.

TABLE 44. Manufacturing Establishments Classified According to Gross Value of Products 1929, 1939, 1944 and 1950

Group of gross values	1929[1]			1939[2]		
	Establishments	Total production	Average per establishment	Establishments	Total production	Average per establishment
	No.	$	$	$	$	$
Under $25,000	14,024	106,735,470	7,611	15,623	120,903,054	7,739
$ 25,000 but under $ 50,000	2,802	99,529,725	35,521	2,803	99,558,383	35,519
50,000 " 100,000	2,209	156,308,744	70,760	2,215	156,410,769	70,614
100,000 " 200,000	1,688	237,532,492	140,718	1,584	225,582,130	142,413
200,000 " 500,000	1,519	504,218,217	331,941	1,285	390,626,844	303,990
500,000 " 1,000,000	636	443,597,677	697,481	689	466,441,130	676,983
1,000,000 " 5,000,000	601	1,217,866,089	2,026,400	520	1,091,293,939	2,098,642
5,000,000 and over	118	1,298,198,865	11,001,685	81	923,724,311	11,404,004
Totals and Averages	**23,597**	**4,063,987,279**	**172,225**	**24,800**	**3,474,540,560**	**140,102**
	1944			1950[3]		
Under $25,000	13,942	128,782,147	9,237	16,100	145,592,152	9,043
$ 25,000 but under $ 50,000	4,011	143,023,914	35,658	4,820	172,772,167	35,845
50,000 " 100,000	3,442	245,273,500	71,259	4,529	324,361,092	71,619
100,000 " 200,000	2,513	355,235,489	141,359	3,586	510,250,226	142,289
200,000 " 500,000	2,256	714,546,348	316,731	3,278	1,029,829,371	314,164
500,000 " 1,000,000	943	661,670,696	701,666	1,582	1,112,819,210	703,425
1,000,000 " 5,000,000	1,089	2,294,546,053	2,107,021	1,577	3,374,117,833	2,139,580
5,000,000 and over	287	4,530,614,372	15,786,113	470	7,147,784,330	15,208,051
Totals and Averages	**28,483**	**9,073,692,519**	**318,565**	**35,942**	**13,817,526,381**	**384,439**

1. Includes central electric stations and dyeing, cleaning and laundry establishments.
2. Exclusive of Yukon and the Northwest Territories.
3. Includes Newfoundland.

TABLE 45. Manufacturing Establishments Classified according to Gross Value of Products by Province, 1950

Province and Group	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Canada:						
Under $25,000	16,100	39,921	46,101,269	4,181,912	68,412,587	145,592,152
$ 25,000 to $ 49,999	4,820	33,068	52,866,773	3,682,776	85,340,322	172,772,167
50,000 " 99,999	4,529	51,233	91,809,900	6,327,143	168,105,614	324,361,092
100,000 " 199,999	3,586	71,156	134,937,518	8,171,761	271,271,232	510,250,226
200,000 " 499,999	3,278	131,690	266,484,489	16,520,164	532,271,277	1,029,829,371
500,000 " 999,999	1,582	124,749	266,943,220	17,533,795	575,011,630	1,112,819,210
1,000,000 " 4,999,999	1,577	312,911	732,435,091	59,939,400	1,786,325,225	3,374,117,833
5,000,000 and over	470	407,297	1,135,673,678	220,532,913	4,051,796,645	7,147,784,330
Head offices[1]	–	11,272	44,015,497	43,756	–	–
Totals	**35,942**	**1,183,297**	**2,771,267,435**	**336,933,620**	**7,538,534,532**	**13,817,526,381**
Newfoundland:						
Under $25,000	753	1,212	803,557	86,914	1,216,809	2,760,272
$ 25,000 to $ 49,999	28	262	327,906	26,786	441,343	945,470
50,000 " 99,999	23	370	639,863	52,728	684,052	1,637,109
100,000 " 199,999	14	328	618,847	36,256	779,088	2,008,150
200,000 " 499,999	17	740	1,387,198	131,241	2,675,371	5,257,973
500,000 " 999,999	10	775	1,348,441	157,930	3,212,336	6,565,432
1,000,000 and over	5	2,992	11,115,660	2,352,995	22,496,624	51,888,444
Head offices[1]	–	3	4,780	–	–	–
Totals	**850**	**6,682**	**16,246,252**	**2,844,850**	**31,505,623**	**71,062,850**
Prince Edward Island:						
Under $25,000	138	317	234,337	28,536	577,157	1,085,689
$ 25,000 to $ 49,999	33	199	202,001	23,789	819,334	1,217,705
50,000 " 99,999	33	362	449,282	59,017	1,592,277	2,419,466
100,000 " 199,999	23	421	517,041	65,565	2,365,539	3,308,150
200,000 " 499,999	13	248	444,101	48,502	2,787,363	3,655,773
500,000 and over	4	239	495,418	58,155	7,101,372	8,124,240
Totals	**244**	**1,786**	**2,342,180**	**283,564**	**15,243,042**	**19,811,023**
Nova Scotia:						
Under $25,000	796	1,975	1,774,519	155,398	3,256,433	6,444,676
$ 25,000 to $ 49,999	216	1,635	2,027,850	178,687	4,173,284	7,812,599
50,000 " 99,999	168	2,038	2,819,825	215,527	6,499,389	11,864,414
100,000 " 199,999	131	2,893	4,301,363	410,275	10,232,969	18,467,297
200,000 " 499,999	97	3,687	6,400,527	861,278	17,442,022	29,900,336
500,000 " 999,999	38	3,232	5,902,367	610,470	14,153,630	25,973,607
1,000,000 " 4,999,999	27	5,530	12,225,059	1,284,202	30,469,460	56,713,973
5,000,000 and over	9	7,417	19,253,365	7,225,240	60,903,858	98,710,597
Head offices[1]	–	72	183,186	34,813	–	–
Totals	**1,482**	**28,479**	**54,888,061**	**10,975,890**	**147,131,045**	**255,887,499**
New Brunswick:						
Under $25,000	588	1,360	1,253,606	124,756	2,227,368	4,527,853
$ 25,000 to $ 49,999	160	1,151	1,453,551	140,289	3,052,811	5,971,170
50,000 " 99,999	152	1,942	2,428,280	273,662	5,983,643	10,893,328
100,000 " 199,999	89	1,960	2,927,403	270,686	6,815,568	12,747,526
200,000 " 499,999	46	1,875	3,221,691	437,023	8,583,142	14,865,458
500,000 " 999,999	27	2,293	3,881,474	348,575	9,831,410	17,835,004
1,000,000 " 4,999,999	35	6,342	12,347,418	1,323,007	36,635,866	66,690,530
5,000,000 and over	10	6,803	18,291,922	6,564,436	74,936,416	130,222,198
Head offices[1]	–	137	580,724	–	–	–
Totals	**1,107**	**23,863**	**46,386,069**	**9,482,434**	**148,066,224**	**263,753,067**
Quebec:						
Under $25,000	5,026	13,028	14,814,173	1,314,660	25,593,330	50,083,853
$ 25,000 to $ 49,999	1,663	11,804	17,460,616	1,108,403	30,624,917	59,389,933
50,000 " 99,999	1,621	18,772	31,260,970	1,767,134	63,572,028	115,520,804
100,000 " 199,999	1,234	25,983	44,748,878	2,222,195	97,912,202	175,800,433
200,000 " 499,999	1,109	48,000	89,107,810	4,660,358	182,527,025	346,670,922
500,000 " 999,999	441	38,210	75,858,939	4,360,813	162,413,607	307,205,503
1,000,000 " 4,999,999	435	93,746	201,685,421	16,732,062	466,241,928	910,607,473
5,000,000 and over	141	134,495	352,473,878	86,511,310	1,196,591,213	2,177,194,369
Head offices[1]	–	6,125	23,924,015	–	–	–
Totals	**11,670**	**390,163**	**851,334,700**	**118,676,935**	**2,225,476,250**	**4,142,473,290**

TABLE 45. Manufacturing Establishments Classified according to Gross Value of Products by Province, 1950 — Continued

Province and Group	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Ontario:						
Under $25,000	4,856	12,614	15,986,973	1,493,596	21,119,447	47,273,341
$ 25,000 to $ 49,999	1,778	11,672	20,065,198	1,397,783	30,974,008	63,597,125
50,000 " 99,999	1,670	18,078	35,110,830	2,498,704	60,855,125	120,397,900
100,000 " 199,999	1,391	27,290	55,970,733	3,316,568	101,620,497	198,372,846
200,000 " 499,999	1,371	56,217	119,399,774	7,052,859	214,945,985	435,460,800
500,000 " 999,999	737	59,455	132,002,376	8,726,045	257,800,292	524,712,207
1,000,000 " 4,999,999	782	165,026	403,147,986	30,075,578	914,546,702	1,735,515,472
5,000,000 and over	224	212,408	616,442,787	101,429,516	1,996,959,439	3,697,624,290
Head offices[1]	—	3,753	14,872,489	—	—	—
Totals	**12,809**	**566,513**	**1,412,999,146**	**155,990,649**	**3,598,821,495**	**6,822,953,981**
Manitoba:						
Under $25,000	692	1,621	2,014,527	170,356	2,655,685	5,921,419
$ 25,000 to $ 49,999	163	1,210	1,974,909	134,941	2,585,693	5,756,727
50,000 " 99,999	169	2,181	3,900,345	304,230	5,687,618	12,168,404
100,000 " 199,999	169	2,899	5,596,287	339,241	13,808,954	24,105,821
200,000 " 499,999	153	6,107	12,240,113	747,554	26,336,041	48,362,756
500,000 " 999,999	69	4,636	9,768,686	617,600	26,908,204	49,032,403
1,000,000 " 4,999,999	76	11,947	26,620,394	3,235,286	87,042,858	155,881,366
5,000,000 and over	16	10,243	26,113,739	2,920,708	135,359,654	184,677,310
Head offices[1]	—	141	472,601	—	—	—
Totals	**1,507**	**40,985**	**88,701,601**	**8,469,916**	**300,384,707**	**485,906,206**
Saskatchewan:						
Under $25,000	554	1,125	1,242,484	128,056	1,501,444	3,608,134
$ 25,000 to $ 49,999	79	615	961,178	80,929	1,272,610	2,920,310
50,000 " 99,999	76	754	1,519,095	167,702	2,604,071	5,339,780
100,000 " 199,999	61	837	1,680,272	222,719	5,427,997	8,809,080
200,000 " 499,999	67	1,944	4,090,526	432,669	13,931,913	22,099,579
500,000 " 999,999	21	1,086	2,354,587	261,703	9,663,022	15,306,802
1,000,000 " 4,999,999	20	1,716	4,070,986	562,495	21,650,426	35,546,069
5,000,000 and over	9	2,333	6,566,220	2,171,735	108,505,823	124,450,201
Head offices[1]	—	186	525,121	—	—	—
Totals	**887**	**10,596**	**23,010,469**	**4,028,008**	**164,557,306**	**218,079,955**
Alberta:						
Under $25,000	890	2,046	2,382,294	218,426	3,049,160	7,109,155
$ 25,000 to $ 49,999	201	1,213	2,179,894	171,865	3,448,839	7,144,713
50,000 " 99,999	195	2,064	3,767,674	339,458	7,519,990	14,287,714
100,000 " 199,999	148	2,355	4,928,784	419,996	11,586,559	21,256,653
499,999 " 499,999	114	3,253	7,108,391	488,464	18,622,961	32,871,693
500,000 " 999,999	62	3,667	8,319,847	528,298	23,369,025	41,294,429
1,000,000 " 4,999,999	43	6,113	13,843,186	1,755,501	54,837,951	92,081,409
5,000 and over	18	5,862	15,327,730	2,894,098	149,696,564	186,794,257
Head offices[1]	—	159	558,524	—	—	—
Totals	**1,671**	**26,732**	**58,416,324**	**6,816,106**	**272,131,049**	**402,840,023**
British Columbia:						
Under $25,000	1,795	4,594	5,553,531	454,500	7,176,071	16,663,473
$ 25,000 to $ 49,999	496	3,295	6,189,700	414,543	7,908,685	17,934,815
50,000 " 99,999	420	4,661	9,890,544	645,197	13,034,439	29,695,074
100,000 " 199,999	325	6,175	13,617,280	864,508	20,699,718	45,260,170
200,000 " 499,999	291	9,619	23,084,358	1,660,216	44,419,454	90,684,081
500,000 " 999,999	175	11,352	27,414,798	1,915,060	66,393,691	123,413,921
1,000,000 " 4,999,999	154	22,024	57,370,064	4,801,146	169,410,724	313,128,064
5,000,000 and over	40	24,959	70,642,645	8,468,745	305,135,055	496,237,358
Head offices[1]	—	696	2,894,057	8,943	—	—
Totals	**3,696**	**87,375**	**216,656,977**	**19,232,858**	**634,177,837**	**1,133,016,956**
Yukon and Northwest Territories:						
Under $25,000	12	29	41,268	6,714	39,683	114,287
$25,000 to $49,999	3	12	23,970	4,761	38,798	81,600
50,000 and over	4	82	220,418	120,935	961,473	1,545,644
Totals	**19**	**123**	**285,656**	**132,410**	**1,039,954**	**1,741,531**

1. Under this heading are included only those head offices which are not located at the plant.

TABLE 46. Manufacturing Establishments Classified According to Gross Value of Products, by Industrial Group, 1950

Group of gross values	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Foods and Beverages:						
Under $25,000	3,060	7,621	8,240,268	1,544,906	19,699,723	33,854,338
$ 25,000 to $ 49,999	1,379	6,621	9,148,837	1,433,314	33,595,685	49,493,287
50,000 " 99,999	1,345	9,628	14,419,263	2,302,333	69,248,268	97,353,544
100,000 " 199,999	1,025	11,711	19,053,280	3,048,299	105,633,890	145,406,115
200,000 " 499,999	755	17,856	32,620,985	4,779,991	156,826,063	230,777,850
500,000 " 999,999	358	18,418	36,563,990	4,542,707	164,241,463	251,822,012
1,000,000 " 4,999,999	364	47,825	102,632,615	11,763,760	503,009,165	784,586,685
5,000,000 and over	115	46,388	117,400,098	12,627,083	1,050,183,003	1,436,516,773
Head Offices [1]	—	1,596	6,635,107	8,943	—	—
Totals	**8,401**	**167,664**	**346,714,443**	**42,051,336**	**2,102,437,260**	**3,029,810,604**
Tobacco and Tobacco Products:						
Under $25,000	29	87	89,211	5,181	107,737	211,359
$ 25,000 to $ 49,999	5	77	80,527	3,239	71,567	185,889
50,000 " 99,999	1	}				
100,000 " 199,999	4	} 116	179,317	7,222	335,020	653,283
200,000 " 499,999	3	144	206,869	10,226	406,657	863,671
500,000 " 999,999	4	407	537,826	21,095	1,914,879	2,893,990
1,000,000 " 4,999,999	9	1,375	2,492,531	89,189	16,209,058	20,741,081
5,000,000 and over	13	8,112	19,030,613	408,338	103,565,261	162,781,250
Head Offices [1]	—	4	12,024	—	—	—
Totals	**68**	**10,322**	**22,628,918**	**544,490**	**122,610,179**	**188,330,523**
Rubber Goods:						
Under $25,000	10	43	65,170	1,909	31,771	125,120
$ 25,000 to $ 49,999	4	46	80,324	3,935	42,898	165,451
50,000 " 99,999	3	50	104,077	10,690	51,171	195,331
100,000 " 199,999	5	96	210,344	9,826	491,212	862,243
200,000 " 499,999	8	449	876,437	66,202	1,030,521	2,459,347
500,000 " 999,999	5	444	795,227	73,931	1,960,756	3,512,318
1,000,000 " 4,999,999	16	6,602	14,536,384	877,242	17,685,546	44,445,458
5,000,000 and over	10	13,997	37,335,796	2,305,632	80,479,507	187,419,242
Head Offices [1]	—	85	259,105	—	—	—
Totals	**61**	**21,812**	**54,262,864**	**3,349,367**	**101,773,382**	**239,184,510**
Leather Products:						
Under $25,000	208	622	690,743	41,954	976,990	1,960,968
$ 25,000 to $ 49,999	92	797	1,174,331	23,843	1,690,159	3,397,299
50,000 " 99,999	102	1,528	2,333,618	67,243	3,711,867	7,230,664
100,000 " 199,999	110	3,408	5,160,260	105,546	7,933,911	15,539,090
200,000 " 499,999	119	6,859	11,201,126	297,634	20,768,833	37,821,674
500,000 " 999,999	72	8,712	15,380,473	317,743	28,159,394	50,969,064
1,000,000 " 4,999,999	41	9,800	18,852,239	717,752	45,385,989	75,876,967
5,000,000 and over	3	1,264	3,016,887	354,676	12,590,052	17,767,287
Totals	**747**	**32,990**	**57,809,677**	**1,926,391**	**121,217,195**	**210,563,013**
Textile Products (Except Clothing):						
Under $25,000	192	759	1,006,418	36,575	684,232	2,222,563
$ 25,000 to $ 49,999	96	913	1,440,339	76,232	1,295,916	3,571,808
50,000 " 99,999	125	1,939	3,400,813	147,015	3,742,336	9,107,922
100,000 " 199,999	94	2,192	3,908,662	203,311	7,704,950	14,086,634
200,000 " 499,999	117	4,946	9,257,399	714,128	20,969,788	36,982,176
500,000 " 999,999	69	5,801	11,633,884	928,496	27,301,021	48,017,849
1,000,000 " 4,999,999	120	25,282	53,110,441	3,473,192	153,984,803	255,384,503
5,000,000 and over	33	36,607	78,427,438	7,444,122	196,999,807	371,889,230
Head Offices [1]	—	1,889	6,989,748	—	—	—
Totals	**846**	**80,328**	**169,175,142**	**13,023,071**	**412,682,853**	**741,262,685**
Clothing (Textile and Fur):						
Under $25,000	511	2,246	2,843,867	75,583	2,860,257	6,780,048
$ 25,000 to $ 49,999	417	4,278	6,124,914	124,878	6,344,587	15,284,338
50,000 " 99,999	563	7,919	13,634,133	204,516	19,913,724	40,781,832
100,000 " 199,999	588	13,496	24,466,698	367,645	44,527,508	84,395,530
200,000 " 499,999	636	29,463	53,460,517	887,496	105,531,890	197,917,588
500,000 " 999,999	211	21,025	38,083,902	650,035	77,393,298	145,193,574
1,000,000 and over	125	37,331	70,560,412	1,462,386	120,980,908	243,861,424
Head Offices [1]	—	490	2,048,904	—	—	—
Totals	**3,051**	**116,248**	**211,223,347**	**3,772,539**	**377,552,172**	**734,214,334**
Wood Products:						
Under $25,000	7,329	15,618	14,805,522	1,261,902	27,914,350	56,359,516
$ 25,000 to $ 49,999	1,348	8,636	12,935,673	905,782	24,193,206	47,995,206
50,000 " 99,999	1,037	11,737	19,728,511	1,259,511	36,536,031	72,393,101
100,000 " 199,999	659	14,565	26,705,723	1,477,688	45,715,697	93,389,068
200,000 " 499,999	531	22,484	45,466,937	2,129,709	87,984,908	168,530,604
500,000 " 999,999	234	17,925	39,760,180	1,716,762	86,688,369	162,465,151
1,000,000 " 4,999,999	147	23,613	55,996,295	2,074,833	139,663,510	256,005,674
5,000,000 and over	16	10,973	28,366,800	614,793	61,868,932	128,721,173
Head Offices [1]	—	618	2,559,484	—	—	—
Totals	**11,301**	**126,169**	**246,325,125**	**11,440,980**	**510,565,003**	**985,859,493**

TABLE 46. Manufacturing Establishments Classified According to Gross Value of Products, by Industrial Group, 1950 Continued

Group of gross values	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Paper Products:						
Under $25,000	49	172	241,457	11,557	238,287	584,726
$ 25,000 to $ 49,999	28	255	379,402	15,850	504,015	1,083,339
50,000 " 99,999	63	934	1,466,238	67,553	2,186,690	4,654,983
100,000 " 199,999	61	1,623	2,664,332	147,018	4,122,662	8,911,306
200,000 " 499,999	78	3,259	6,447,007	354,251	11,969,945	24,430,194
500,000 " 999,999	71	4,874	10,121,492	1,137,387	25,931,432	49,869,923
1,000,000 " 4,999,999	110	17,476	43,856,513	6,646,301	135,833,838	248,726,955
5,000,000 and over	68	46,993	150,430,973	63,392,230	360,473,757	912,882,699
Head Offices [1]	—	1,933	9,590,024	—	—	—
Totals	**528**	**77,519**	**225,197,438**	**71,772,147**	**541,260,626**	**1,251,144,125**
Printing, Publishing and Allied Industries:						
Under $25,000	2,423	5,520	7,327,187	360,382	7,937,169	19,461,541
$ 25,000 to $ 49,999	522	4,018	7,624,638	220,545	6,409,094	18,345,592
50,000 " 99,999	368	5,180	11,214,266	260,327	8,820,278	26,088,960
100,000 " 199,999	234	6,086	13,396,922	277,780	10,861,103	32,696,302
200,000 " 499,999	177	9,630	24,626,615	518,509	16,422,444	56,585,478
500,000 " 999,999	74	7,820	20,687,323	436,386	15,152,956	51,656,387
1,000,000 " 4,999,999	62	16,868	45,069,308	817,510	44,378,058	131,872,644
5,000,000 and over	9	7,974	24,282,048	511,416	25,529,125	76,305,011
Head Offices [1]	—	29	141,330	—	—	—
Totals	**3,869**	**63,125**	**154,369,637**	**3,402,855**	**135,510,227**	**413,011,915**
Iron and Steel Products:						
Under $25,000	676	2,378	3,942,201	254,925	2,479,117	8,352,498
$ 25,000 to $ 49,999	353	3,000	5,791,391	279,628	3,710,414	12,542,519
50,000 " 99,999	322	4,488	9,972,266	517,940	7,506,349	22,980,517
100,000 " 199,999	325	7,609	17,658,842	811,056	17,189,379	45,685,037
200,000 " 499,999	277	13,213	31,345,350	1,450,296	33,291,876	87,152,990
500,000 " 999,999	158	14,602	35,207,455	1,973,795	45,318,254	109,883,795
1,000,000 " 4,999,999	221	54,742	144,146,810	8,128,601	219,536,412	498,043,714
5,000,000 and over	58	63,984	188,357,398	31,575,767	333,300,391	739,743,408
Head Offices [1]	—	512	1,823,036	—	—	—
Totals	**2,390**	**164,528**	**438,244,749**	**44,992,008**	**662,332,192**	**1,524,384,478**
Transportation Equipment:						
Under $25,000	248	735	980,926	57,124	682,100	1,982,891
$ 25,000 to $ 49,999	63	532	991,870	42,399	826,775	2,254,315
50,000 " 99,999	54	882	1,887,933	85,354	1,613,769	4,283,696
100,000 " 199,999	51	1,313	2,813,901	120,930	2,848,195	7,452,300
200,000 " 499,999	48	2,337	5,555,792	268,067	6,696,234	15,899,812
500,000 " 999,999	40	4,932	12,064,241	573,938	11,639,702	29,909,585
1,000,000 " 4,999,999	63	20,958	54,178,559	2,761,804	75,476,826	158,397,997
5,000,000 and over	34	72,487	211,963,156	8,665,247	575,049,864	1,019,399,131
Totals	**601**	**104,176**	**290,436,378**	**12,574,863**	**674,833,465**	**1,239,579,727**
Non-ferrous Metal Products:						
Under $25,000	157	514	827,076	44,595	632,219	1,731,769
$ 25,000 to $ 49,999	70	534	984,708	44,901	939,392	2,520,883
50,000 " 99,999	78	1,069	2,183,398	84,804	2,223,541	5,560,540
100,000 " 199,999	66	1,498	3,204,871	110,372	4,141,259	9,299,877
200,000 " 499,999	66	3,141	6,997,344	339,537	9,754,639	21,416,941
500,000 " 999,999	29	2,183	5,113,756	275,385	9,598,010	19,694,762
1,000,000 " 4,999,999	44	8,716	21,317,268	2,334,210	48,068,508	92,922,717
5,000,000 and over	26	26,527	76,852,895	39,287,032	531,334,220	807,604,325
Head Offices [1]	—	498	2,054,280	—	—	—
Totals	**536**	**44,680**	**119,535,596**	**42,520,636**	**606,691,788**	**960,751,814**
Electrical Apparatus and Supplies:						
Under $25,000	64	179	256,141	17,250	295,791	633,638
$ 25,000 to $ 49,999	36	247	456,339	18,664	538,529	1,274,503
50,000 " 99,999	53	706	1,442,320	56,427	1,500,263	3,888,332
100,000 " 199,999	36	930	1,793,103	44,593	2,243,803	5,230,869
200,000 " 499,999	63	3,149	6,439,706	180,542	9,008,292	21,203,109
500,000 " 999,999	40	3,033	6,865,474	222,106	13,435,977	27,340,809
1,000,000 " 4,999,999	68	15,142	37,819,415	1,355,678	78,193,318	163,727,482
5,000,000 and over	22	36,864	100,222,004	3,240,923	155,090,054	357,279,644
Head Offices [1]	—	12	39,563	—	—	—
Totals	**382**	**60,262**	**155,334,065**	**5,136,183**	**260,306,027**	**580,578,386**
Non-metallic Mineral Products:						
Under $25,000	440	1,311	1,721,373	273,172	1,410,433	4,065,216
$ 25,000 to $ 49,999	148	1,202	2,088,281	277,611	1,890,014	5,285,176
50,000 " 99,999	141	1,815	3,710,076	735,073	3,234,695	10,035,601
100,000 " 199,999	93	1,970	4,432,538	851,695	4,045,242	12,847,772
200,000 " 499,999	112	4,403	10,604,069	3,213,817	10,093,884	35,949,122
500,000 " 999,999	49	3,925	9,615,876	2,864,571	11,089,301	36,862,508
1,000,000 " 4,999,999	52	8,401	22,127,592	10,957,221	36,666,806	110,541,404
5,000,000 and over	10	6,066	16,460,115	7,787,038	22,738,230	70,954,564
Head Offices [1]	—	510	1,620,490	34,813	—	—
Totals	**1,045**	**29,603**	**72,380,410**	**26,995,011**	**91,168,605**	**286,541,363**

TABLE 46. Manufacturing Establishments Classified According to Gross Value of Products, by Industrial Group, 1950
Concluded

Group of gross values	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Products of Petroleum and Coal:						
Under $25,000	4	17	34,234	5,787	28,588	72,388
$ 25,000 to $ 49,999	6	23	48,854	3,448	82,500	203,702
50,000 " 99,999	7	71	150,492	35,932	275,581	534,834
100,000 " 199,999	4	64	131,772	7,899	241,219	481,315
200,000 " 499,999	10	308	749,176	117,610	1,453,751	2,975,855
500,000 " 999,999	5	240	602,014	196,548	1,935,149	3,684,371
1,000,000 " 4,999,999	16	1,601	4,043,163	1,658,717	29,570,167	43,518,570
5,000,000 and over	24	11,307	33,711,124	27,193,211	408,831,528	564,655,264
Head Offices [1]	—	1,546	4,954,539	—	—	—
Totals	**76**	**15,177**	**44,425,368**	**29,219,152**	**442,418,483**	**616,126,299**
Chemicals and Chemical Products:						
Under $25,000	313	735	949,351	67,223	1,110,885	2,936,000
$ 25,000 to $ 49,999	96	555	1,114,457	73,935	1,366,183	3,483,781
50,000 " 99,999	121	1,125	2,390,816	212,192	3,858,614	8,870,263
100,000 " 199,999	104	1,459	3,124,746	235,029	6,606,254	15,451,930
200,000 " 499,999	160	4,156	9,655,265	776,379	22,901,438	51,434,065
500,000 " 999,999	119	5,632	13,641,255	1,236,534	39,857,233	86,621,785
1,000,000 " 4,999,999	93	11,438	29,296,955	4,420,542	107,246,495	204,862,641
5,000,000 and over	27	15,077	42,051,804	14,976,224	124,758,639	273,210,045
Head Offices [1]	—	1,298	4,569,754	—	—	—
Totals	**1,033**	**41,475**	**106,794,403**	**21,998,058**	**307,705,741**	**646,870,510**
Miscellaneous Manufacturing Industries:						
Under $25,000	387	1,364	2,080,124	121,887	1,322,938	4,257,573
$ 25,000 to $ 49,999	157	1,334	2,401,888	134,572	1,839,388	5,685,079
50,000 " 99,999	146	2,150	3,752,400	279,153	3,637,001	10,329,810
100,000 " 199,999	127	3,032	6,051,487	347,132	6,675,364	17,932,717
200,000 " 499,999	118	5,893	10,973,895	415,770	17,160,114	37,428,895
500,000 " 999,999	44	4,776	10,268,852	366,376	13,394,436	32,421,327
1,000,000 and over	28	8,418	20,163,120	549,643	23,440,093	61,257,201
Head Offices [1]	—	252	718,109	—	—	—
Totals	**1,007**	**27,219**	**56,409,875**	**2,214,533**	**67,469,334**	**169,312,602**

1. Under this heading are included only those head offices which are not located at a plant.

TABLE 47. Principal Statistics of the Twenty-Five Leading Manufacturing Industries, Classified According to Gross Value of Products, 1950

Group	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
1. Pulp and Paper:						
Under $100,000	6	152	264,229	64,815	222,017	695,290
$ 200,000 to $ 499,999	8	325	730,407	128,426	994,768	2,419,129
500,000 " 999,999	14	917	2,149,992	779,321	4,249,730	9,779,152
1,000,000 " 4,999,999	35	5,607	15,318,004	5,100,236	41,121,573	85,851,202
5,000,000 and over	60	43,531	141,895,220	63,039,108	327,294,674	855,392,878
Head Offices [1]	—	1,811	8,888,679	—	—	—
Totals	**123**	**52,343**	**169,246,531**	**69,111,906**	**373,882,762**	**954,137,651**
2. Slaughtering and Meatpacking:						
Under $50,000	6	15	22,998	5,101	130,283	172,844
$ 50,000 to $ 99,999	17	88	144,237	26,117	1,122,392	1,371,520
100,000 " 199,999	11	82	147,026	27,469	1,319,584	1,602,135
200,000 " 499,999	30	399	812,006	98,296	7,122,392	9,483,801
500,000 " 999,999	19	513	1,124,241	166,783	11,249,497	14,073,375
1,000,000 " 4,999,999	38	2,834	6,500,032	620,880	85,430,877	98,672,357
5,000,000 and over	36	16,591	45,781,497	3,043,515	538,978,805	631,667,323
Totals	**157**	**20,522**	**54,532,037**	**3,988,161**	**645,353,830**	**757,043,355**
3. Motor Vehicles:						
Under $1,000,000	6	594	1,529,139	74,997	2,236,805	4,547,313
$1,000,000 to $4,999,999	6	1,116	2,488,416	116,278	11,311,457	15,054,206
5,000,000 and over	7	27,645	90,397,264	2,394,464	374,948,368	656,265,948
Totals	**19**	**29,355**	**94,414,819**	**2,585,739**	**388,496,630**	**675,867,467**
4. Non-ferrous Metal Smelting and Refining:						
Under $5,000,000	3	630	1,281,434	1,040,681	732,956	3,765,905
$5,000,000 and over	14	19,233	57,466,928	37,432,557	427,964,831	666,116,901
Totals	**17**	**19,863**	**58,748,362**	**38,473,238**	**428,697,787**	**669,882,806**

TABLE 47. Principal Statistics of the Twenty-Five Leading Manufacturing Industries, Classified According to Gross Value of Products, 1950 — Continued

Group of gross values	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
5. Petroleum Products:						
Under $50,000	7	26	54,497	6,909	78,883	158,297
$ 50,000 to $ 99,999	5	22	76,306	7,185	204,203	370,978
200,000 " 499,999	3	46	77,585	6,996	623,197	934,579
500,000 " 999,999	3	86	198,883	67,464	1,440,891	2,339,348
1,000,000 " 4,999,999	11	870	2,241,691	954,885	24,869,490	32,107,908
5,000,000 and over	17	7,460	22,954,095	18,745,454	357,139,717	475,605,282
Head Offices [1]	—	1,546	4,954,539	—	—	—
Totals	**46**	**10,056**	**30,557,596**	**19,788,893**	**384,356,381**	**511,516,392**
6. Sawmills:						
Under $25,000	5,348	10,720	8,374,858	810,218	21,335,316	40,458,345
$ 25,000 to $ 49,999	897	5,180	7,048,023	581,435	16,988,665	31,890,305
50,000 " 99,999	641	6,604	10,182,676	739,151	23,297,023	44,412,342
100,000 " 199,999	324	5,966	10,682,833	690,900	22,310,525	44,682,788
200,000 " 499,999	186	6,746	14,212,987	730,660	28,398,617	57,870,494
500,000 " 999,999	78	4,776	11,574,745	530,026	26,570,992	52,768,470
1,000,000 " 4,999,999	64	9,750	25,127,874	882,322	63,185,912	119,107,013
5,000,000 and over	13	8,636	22,795,945	436,916	50,234,558	105,758,641
Head Offices [1]	—	344	1,492,138	—	—	—
Totals	**7,551**	**58,722**	**111,492,079**	**5,401,628**	**252,321,608**	**496,948,398**
7. Primary Iron and Steel:						
Under $200,000	6	139	382,068	49,724	164,952	883,230
$ 200,000 to $ 499,999	7	483	1,197,814	151,908	503,611	2,316,195
500,000 " 999,999	5	586	1,345,233	193,998	870,542	3,510,307
1,000,000 " 4,999,999	14	2,428	7,041,066	1,161,313	12,201,895	28,108,930
5,000,000 and over	23	25,403	75,397,487	25,157,807	145,541,919	305,721,380
Head Offices [1]	—	12	48,259	—	—	—
Totals	**55**	**29,051**	**85,411,927**	**26,714,750**	**159,282,919**	**340,540,042**
8. Butter and Cheese:						
Under $25,000	272	353	281,015	70,817	3,764,898	4,195,616
$ 25,000 to $ 49,999	375	715	764,774	208,662	12,231,390	13,709,338
50,000 " 99,999	415	1,315	1,703,400	450,319	27,070,659	30,547,686
100,000 " 199,999	376	2,315	3,724,097	853,496	45,400,839	53,390,546
200,000 " 499,999	248	3,774	6,872,562	1,311,065	58,825,026	73,989,374
500,000 " 999,999	75	3,357	6,818,131	1,141,587	36,263,185	50,168,326
1,000,000 " 4,999,999	41	6,836	15,800,431	1,780,376	53,203,095	80,819,927
5,000,000 and over	4	2,357	5,987,211	521,350	13,258,556	23,888,330
Totals	**1,806**	**21,022**	**41,951,621**	**6,337,672**	**250,017,648**	**330,709,143**
9. Cotton Yarn and Cloth:						
Under $50,000	3	21	28,324	804	39,007	81,519
$ 50,000 to $ 99,999	1					
100,000 " 199,999	4	108	175,222	16,861	312,606	672,210
200,000 " 499,999	5	235	417,172	40,887	1,100,635	1,574,103
500,000 " 999,999	1					
1,000,000 " 4,999,999	22	6,648	13,303,024	879,050	36,069,343	62,903,098
5,000,000 and over	15	19,238	38,588,686	3,300,915	120,314,222	192,152,962
Head Offices [1]	—	717	2,707,615	—	—	—
Totals	**51**	**26,967**	**55,220,043**	**4,238,517**	**157,835,813**	**257,383,892**
10. Flour Mills:						
Under $25,000	16	30	28,538	8,325	154,016	204,343
$ 25,000 to $ 49,999	8	16	21,405	10,173	249,847	300,827
50,000 " 99,999	13	55	94,337	23,724	833,677	1,004,616
100,000 " 199,999	16	113	215,047	51,969	1,926,076	2,303,995
200,000 " 499,999	15	135	278,766	51,921	4,197,381	4,756,517
500,000 " 999,999	15	269	661,423	94,291	9,514,909	10,852,867
1,000,000 " 4,999,999	19	839	1,945,926	363,148	36,350,148	41,665,683
5,000,000 and over	16	3,350	8,373,163	911,667	160,529,703	186,018,927
Head Offices [1]	—	96	299,020	—	—	—
Totals	**118**	**4,903**	**11,917,625**	**1,515,218**	**213,755,757**	**247,107,775**
11. Rubber Goods:						
Under $25,000	10	43	65,170	1,909	31,771	125,120
$ 25,000 to $ 49,999	4	46	80,324	3,935	42,898	165,451
50,000 " 99,999	3	50	104,077	10,690	51,171	195,331
100,000 " 199,999	5	96	210,344	9,826	491,212	862,243
200,000 " 499,999	8	449	876,437	66,202	1,030,521	2,459,347
500,000 " 999,999	5	444	795,227	73,931	1,960,756	3,512,318
1,000,000 " 4,999,999	16	6,602	14,536,384	877,242	17,685,546	44,445,458
5,000,000 and over	10	13,997	37,335,796	2,305,632	80,479,507	187,419,242
Head Offices [1]	—	85	259,105	—	—	—
Totals	**61**	**21,812**	**54,262,864**	**3,349,367**	**101,773,382**	**239,184,510**

TABLE 47. Principal Statistics of the Twenty-Five Leading Manufacturing Industries, Classified According to Gross Value of Products, 1950 — Continued

Group of gross values	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
12. Clothing, Men's Factory:						
Under $25,000	51	183	185,837	5,706	251,750	557,575
$ 25,000 to $ 49,999	53	419	522,586	10,162	1,029,347	2,053,366
50,000 " 99,999	79	930	1,414,793	26,942	2,993,203	5,826,931
100,000 " 199,999	110	2,302	3,618,639	57,569	9,192,875	16,118,209
200,000 " 499,999	150	6,898	11,396,439	173,585	26,184,410	47,834,487
500,000 " 999,999	77	7,174	12,750,982	144,585	29,619,051	53,085,993
1,000,000 and over	46	14,762	28,586,793	290,928	53,332,779	101,182,496
Head Offices [1]	—	185	825,319	—	—	—
Totals	**566**	**32,853**	**59,301,388**	**709,477**	**122,603,415**	**226,659,057**
13. Motor Vehicle Parts:						
Under $25,000	22	83	137,757	7,374	101,545	285,472
$ 25,000 to $ 49,999	20	160	332,170	14,130	271,704	728,022
50,000 " 99,999	24	383	821,695	44,311	772,941	2,023,159
100,000 " 199,999	24	493	1,124,477	56,916	1,530,087	3,700,603
200,000 " 499,999	14	588	1,374,809	55,356	2,035,300	4,774,359
500,000 " 999,999	12	874	2,163,156	85,429	3,934,874	8,410,378
1,000,000 " 4,999,999	25	6,464	17,885,738	835,864	29,767,266	62,114,924
5,000,000 and over	10	10,674	32,252,471	1,834,585	83,674,988	144,502,458
Totals	**151**	**19,719**	**56,092,273**	**2,933,965**	**122,088,705**	**226,539,375**
14. Bread and Other Bakery Products:						
Under $25,000	1,579	4,385	5,378,466	1,019,196	9,567,411	18,878,377
$ 25,000 to $ 49,999	495	3,156	5,001,683	712,368	9,331,518	17,367,619
50,000 " 99,999	250	3,003	5,041,168	630,637	9,490,414	17,688,525
100,000 " 199,999	108	2,222	4,115,569	498,081	7,923,155	14,966,181
200,000 " 499,999	95	3,923	7,569,906	943,207	14,997,215	28,445,267
500,000 " 999,999	38	3,473	7,587,213	779,765	13,531,765	27,339,553
1,000,000 and over	43	10,987	25,379,993	2,377,947	44,371,721	89,901,459
Totals	**2,608**	**31,149**	**60,073,998**	**6,961,201**	**109,213,199**	**214,586,981**
15. Clothing, Women's Factory:						
Under $25,000	80	334	392,658	8,845	501,818	1,058,587
$ 25,000 to $ 49,999	103	901	1,341,204	21,748	1,839,693	3,817,043
50,000 " 99,999	175	2,401	4,334,202	44,796	6,574,469	12,955,564
100,000 " 199,999	242	5,478	10,642,662	105,350	17,897,249	34,589,345
200,000 " 499,999	235	10,525	20,354,619	175,646	37,685,658	72,412,731
500,000 " 999,999	57	5,180	10,203,480	87,314	20,446,323	37,628,177
1,000,000 " 4,999,999	22	4,155	8,573,127	60,839	17,767,665	32,175,022
Head Offices [1]	—	7	22,170	—	—	—
Totals	**914**	**28,981**	**55,864,122**	**504,538**	**102,712,875**	**194,636,469**
16. Railway Rolling Stock:						
Under $500,000	9	335	778,068	67,446	1,826,208	2,830,093
$ 500,000 to $ 999,999	6	1,053	2,685,130	200,971	1,563,633	4,914,742
1,000,000 " 4,999,999	10	4,457	11,426,897	678,784	12,605,933	26,985,788
5,000,000 and over	13	23,412	58,466,564	3,209,765	94,377,336	159,555,614
Totals	**38**	**29,257**	**73,356,659**	**4,156,966**	**110,373,110**	**194,286,237**
17. Machinery, Heavy Electrical:						
Under $50,000	5	41	71,348	2,631	74,606	205,214
$ 50,000 to $ 99,999	4	54	109,384	3,650	121,400	242,621
100,000 " 199,999	4	123	263,293	7,664	123,024	544,589
200,000 " 499,999	8	471	1,055,669	27,252	882,869	2,934,471
500,000 " 999,999	9	770	2,052,495	39,159	3,130,955	6,567,053
1,000,000 " 4,999,999	13	3,471	9,558,109	173,647	14,291,669	31,007,307
5,000,000 and over	6	15,895	44,269,767	1,435,738	55,342,332	146,257,027
Totals	**49**	**20,825**	**57,380,065**	**1,689,741**	**73,966,855**	**187,758,282**
18. Printing and Publishing:						
Under $25,000	438	1,607	2,286,491	166,294	844,691	4,496,898
$ 25,000 to $ 49,999	123	1,196	2,191,639	92,949	828,082	4,375,238
50,000 " 99,999	77	1,504	2,959,396	91,872	1,075,335	5,448,792
100,000 " 199,999	42	1,360	2,827,693	74,751	1,127,129	5,923,053
200,000 " 499,999	46	3,047	7,547,174	208,367	3,691,392	16,580,409
500,000 " 999,999	27	3,145	8,145,591	181,005	3,920,220	18,771,960
1,000,000 " 4,999,999	27	8,124	21,900,728	420,061	17,741,485	62,272,416
5,000,000 and over	7	6,760	21,093,277	479,076	21,400,370	63,492,625
Totals	**787**	**26,743**	**68,951,989**	**1,714,375**	**50,628,704**	**181,361,391**
19. Foods, Miscellaneous:						
Under $25,000	72	185	190,660	16,075	396,007	720,597
$ 25,000 to $ 49,999	28	164	230,568	18,283	555,089	1,029,232
50,000 " 99,999	49	349	616,601	41,637	2,228,116	3,470,414
100,000 " 199,999	41	548	845,909	71,276	4,432,278	6,324,280
200,000 " 499,999	42	1,169	2,107,903	186,423	8,986,205	13,704,787
500,000 " 999,999	29	972	2,072,811	171,072	14,246,827	20,408,965
1,000,000 " 4,999,999	31	2,362	4,612,311	276,518	54,838,257	71,083,965
5,000,000 and over	7	1,185	2,785,443	181,158	46,456,756	62,865,524
Head Office [1]	—	195	736,087	—	—	—
Totals	**299**	**7,129**	**14,198,293**	**962,442**	**132,139,535**	**179,607,764**

TABLE 47. Principal Statistics of the Twenty-Five Leading Manufacturing Industries, Classified According to Gross Value of Products, 1950 — Concluded

Group of gross values	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
20. Furniture:						
Under $25,000	534	1,467	2,104,682	110,346	2,028,592	5,126,094
$ 25,000 to $ 49,999	168	1,177	2,148,713	96,603	2,613,232	5,850,324
50,000 " 99,999	156	2,109	4,079,182	144,472	5,030,938	11,113,947
100,000 " 199,999	137	3,497	6,896,211	238,975	8,971,479	19,548,220
200,000 " 499,999	130	6,719	14,038,394	477,979	19,465,090	41,075,703
500,000 " 999,999	53	5,635	12,479,622	381,555	17,392,480	37,991,343
1,000,000 and over	29	6,655	15,364,940	453,384	24,301,819	51,625,513
Totals	**1,207**	**27,259**	**57,111,744**	**1,903,314**	**79,803,630**	**172,331,144**
21. Sheet Metal Products:						
Under $25,000	66	231	348,099	23,645	286,345	764,705
$ 25,000 to $ 49,999	36	261	523,575	23,213	484,588	1,252,298
50,000 " 99,999	34	444	957,855	40,609	940,460	2,444,176
100,000 " 199,999	44	883	1,912,711	67,842	2,643,842	6,156,512
200,000 " 499,999	37	1,497	3,571,611	124,978	5,324,169	11,675,749
500,000 " 999,999	34	2,939	6,627,639	325,157	11,298,829	24,013,556
1,000,000 " 4,999,999	26	7,360	18,849,584	898,641	33,375,489	66,053,521
5,000,000 and over	6	3,383	9,726,692	531,329	37,998,538	59,586,185
Head Offices [1]	—	51	112,521	—	—	—
Totals	**283**	**17,049**	**42,630,287**	**2,035,414**	**92,352,260**	**171,946,702**
22. Miscellaneous Electrical Apparatus and Supplies:						
Under $25,000	22	56	64,779	6,183	68,934	170,355
$ 25,000 to $ 49,999	16	100	181,035	9,418	218,446	524,830
50,000 " 99,999	25	299	634,448	23,557	688,597	1,756,658
100,000 " 199,999	15	365	731,436	15,991	941,096	2,168,169
200,000 " 499,999	26	1,187	2,430,601	69,864	4,039,480	8,935,484
500,000 " 999,999	16	1,133	2,519,130	119,750	5,129,397	11,100,099
1,000,000 " 4,999,999	19	3,817	9,228,379	443,160	16,246,580	41,669,073
5,000,000 and over	6	12,277	33,677,867	1,071,296	46,976,108	104,410,723
Head Offices [1]	—	12	39,563	—	—	—
Totals	**145**	**19,246**	**49,507,238**	**1,759,219**	**74,308,638**	**170,735,391**
23. Fruit and Vegetable Preparations:						
Under $25,000	130	479	341,519	36,487	866,346	1,360,183
$ 25,000 to $ 49,999	51	421	422,478	45,474	1,036,046	1,794,671
50,000 " 99,999	50	659	754,829	70,340	2,054,647	3,515,865
100,000 " 199,999	70	1,506	1,955,050	234,703	6,530,863	10,512,112
200,000 " 499,999	67	2,315	3,636,087	372,147	12,886,924	21,939,265
500,000 " 999,999	47	3,434	5,432,475	562,963	20,842,908	34,039,127
1,000,000 " 4,999,999	26	3,685	6,366,503	560,478	28,255,315	45,862,400
5,000,000 and over	3	2,151	4,950,388	486,688	21,970,745	42,068,111
Head Offices [1]	—	243	701,822	—	—	—
Totals	**444**	**14,893**	**24,561,151**	**2,369,780**	**94,443,794**	**161,091,734**
24. Sash, Door and Planing Mills:						
Under $25,000	927	2,158	2,824,882	233,166	2,922,922	7,010,601
$ 25,000 to $ 49,999	167	1,274	2,196,301	143,130	2,724,235	6,045,645
50,000 " 99,999	166	2,048	3,831,086	268,789	5,732,376	11,752,415
100,000 " 199,999	120	2,785	5,244,951	321,661	9,004,329	17,450,259
200,000 " 499,999	123	4,241	8,691,990	453,523	25,041,698	40,062,198
500,000 " 999,999	58	3,384	7,220,801	377,603	24,469,804	38,366,553
1,000,000 " 4,999,999	29	3,128	6,553,387	302,803	27,011,894	40,032,027
Head Offices [1]	—	110	361,232	—	—	—
Totals	**1,590**	**19,128**	**36,924,630**	**2,100,675**	**96,907,258**	**160,719,698**
25. Machinery, Industrial:						
Under $25,000	57	195	354,293	16,833	217,155	763,061
$ 25,000 to $ 49,999	36	316	625,825	36,346	380,298	1,286,031
50,000 " 99,999	35	525	1,195,266	52,683	674,692	2,481,384
100,000 " 199,999	48	1,210	2,899,970	121,512	2,339,791	6,861,986
200,000 " 499,999	51	2,560	6,557,841	238,292	5,822,774	16,338,569
500,000 " 999,999	36	3,241	8,478,190	263,594	10,171,266	25,653,678
1,000,000 " 4,999,999	36	7,420	19,881,840	694,937	20,952,236	65,736,698
5,000,000 and over	4	3,657	10,655,091	560,945	14,946,462	41,269,891
Head Offices [1]	—	265	799,122	—	—	—
Totals	**303**	**19,389**	**51,447,438**	**1,985,142**	**55,504,674**	**160,391,298**

1. Under this heading are included only those head offices which are not located at the plant.

Size as Measured by Number of Employees. In 1929, establishments employing 501 hands or over accounted for 27.3 p.c. of the number of employees engaged in manufacturing. The tendency then in evidence of increasing concentration into larger units was checked by the depression, the percentage dropping to 20.5 in 1933, (central electric stations included), but rising again to 25.6 in 1939. The same holds true for establishments employing 101 hands or over. In 1929 they employed 61.9 p.c., in 1933, 55.7 p.c. and in 1939, 61.5 p.c.

The effect of the War on the concentration of industries into large units is illustrated by the increase in the number of establishments employing 500 hands or over. In 1939 such establishments numbered 172 and employed 25.6 p.c. of the total number of employees engaged in manufacturing. By 1944 the number had increased to 383 and the percentage of total employees to 47.0. In a further subdivision of this group in 1944 it was found that 226 establishments employed between 500 and 999 persons, 56 between 1,000 and 1,499, and 101 employed over 1,500. Altogether there were 12 plants employing over 7,000 persons, the largest having an employment of a little over 13,000 with the next three largest employing between 9,000 and 10,000. Three other plants employed between 8,000 and 9,000 persons while the lowest five plants in this group employed between 7,000 and 8,000 workers.

With the resumption of peace-time production the larger establishments declined in size so that by 1950 only 56 establishments employed over 1,500 persons, as compared with 101 in 1944. The largest manufacturing plant in Canada employed over 13,000 persons in 1950, the next largest over 8,000, while the next four largest over 6,000 persons. The following is the size distribution of the highest group.

Employees	Establishments
Over 6,000	6
5,000 to 6,000	—
4,000 to 5,000	6
3,000 to 4,000	6
1,500 to 3,000	38
Total	56

TABLE 48. Manufacturing Establishments, Classified by Numbers of Employees and by Provinces, 1950

Province or Territory	Up to 500	500 to 799	800 to 999	1,000 to 1,499	1,500 or over	Total
Newfoundland	848			1	1	850
Prince Edward Island	244					244
Nova Scotia	1,476	1	2	3		1,482
New Brunswick	1,099	5	1	1	1	1,107
Quebec	11,550	57	21	23	19	11,670
Ontario	12,634	84	25	36	30	12,809
Manitoba	1,501	2		2	2	1,507
Saskatchewan	887					887
Alberta	1,668	2		1		1,671
British Columbia	3,675	12	5	1	3	3,696
Yukon and Northwest Territories	19					19
Canada	**35,601**	**163**	**54**	**68**	**56**	**35,942**

TABLE 49. Manufacturing Establishments Classified by Number of Employees per Establishment, 1929, 1939, 1944 and 1950

Group	1929[1]			1939[2]		
	Establishments	Employees	Average per establishment	Establishments	Employees	Average per establishment
	No.	No.	No.	No.	No.	No.
Under 5 employees	12,273	30,446	2.5	13,002	28,020	2.2
5 to 20 employees	6,160	62,310	10.1	6,985	68,151	9.8
21 " 50 "	2,531	81,846	32.3	2,330	75,324	32.3
51 " 100 "	1,262	90,238	71.5	1,158	81,646	70.5
101 " 200 "	745	103,944	139.5	695	97,063	139.7
201 " 500 "	444	136,397	307.2	458	139,687	305.0
501 and over	182	189,253	1,040.0	172	168,168	977.7
Totals and Averages	**23,597**	**694,434**	**29.4**	**24,800**	**658,059**	**26.5**
	1944			1950[4]		
Under 5 employees	13,208	29,958	2.3	16,726	34,719	2.1
5 to 14 employees	7,111	58,404	8.2	9,103	75,149	8.3
15 " 49 "	4,615	124,408	27.0	6,022	160,397	26.6
50 " 99 "	1,622	113,869	70.2	1,920	133,374	69.5
100 " 199 "	900	126,192	140.2	1,121	156,489	139.6
200 " 499 "	644	196,707	305.4	709	216,593	305.5
500 and over	383	573,344	1,497.0	341	395,304	1,159.2
Head offices[3]	—	—	—	—	11,272	—
Totals and Averages	**28,483**	**1,222,882**	**42.9**	**35,942**	**1,183,297**	**32.9**

1. Includes, central electric stations, dyeing, cleaning and laundry establishments.
2. Exclusive of Yukon and the Northwest Territories.
3. Under this heading are included only those head offices which are not located at a plant.
4. Includes Newfoundland.

TABLE 50. Principal Statistics of Manufacturing Industries, by Industrial Groups, Classified by Number of Employees per Establishment, 1950

Group	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Canada:						
Under 5 employees	15,990	34,719	42,903,705	5,175,278	168,416,735	258,220,438
5 to 14 employees	9,103	75,149	134,404,686	10,856,313	367,053,087	636,884,463
15 " 49 "	6,022	160,397	322,010,362	22,903,526	846,491,463	1,502,619,578
50 " 99 "	1,920	133,374	280,756,999	21,185,389	751,328,645	1,341,313,727
100 " 199 "	1,121	156,489	344,416,303	30,127,125	944,633,345	1,716,028,744
200 " 499 "	709	216,593	525,208,653	72,496,521	1,561,118,654	2,844,115,572
500 " 999 "	217	148,197	383,373,341	60,229,785	1,091,569,441	2,100,171,348
1,000 and over	124	247,107	694,177,889	113,915,927	1,804,485,030	3,414,102,871
Not classifiable	736	—	—	—	3,438,132	4,069,640
Head offices [1]	—	11,272	44,015,497	43,756	—	—
Totals	**35,942**	**1,183,297**	**2,771,267,435**	**336,933,620**	**7,538,534,532**	**13,817,526,381**
Foods and beverages:						
Under 5 employees	4,303	9,736	12,375,961	2,829,695	107,693,432	133,987,391
5 to 14 employees	2,389	19,191	30,740,979	4,945,461	183,489,019	251,397,240
15 " 49 "	1,077	27,941	50,520,132	7,317,516	288,715,304	411,536,655
50 " 99 "	288	19,779	41,432,028	5,610,703	243,775,283	354,247,892
100 " 199 "	189	26,164	54,973,439	6,059,298	334,683,548	494,601,685
200 " 499 "	120	35,521	79,961,130	8,260,942	463,567,977	703,443,139
500 " 999 "	29	19,238	47,500,425	5,290,128	256,528,552	399,719,233
1,000 and over	6	8,498	22,575,242	1,728,650	223,984,145	280,877,369
Head offices [1]	—	1,596	6,635,107	8,943	—	—
Totals	**8,401**	**167,664**	**346,714,443**	**42,051,336**	**2,102,437,260**	**3,029,810,604**
Tobacco and tobacco products:						
Under 5 employees	24	54	52,030	3,897	76,253	145,504
5 to 14 employees	11	90	116,685	6,680	185,599	381,566
15 " 49 "	9	256	416,086	25,288	1,426,726	2,894,131
50 " 99 "	6	458	757,143	53,901	15,452,386	17,277,563
100 " 199 "	6	863	1,432,487	77,068	21,237,710	24,110,047
200 " 499 "	7	2,345	4,635,318	123,862	33,177,926	45,475,439
500 and over	5	6,252	15,207,145	253,794	51,053,579	98,046,273
Head offices [1]	—	4	12,024	—	—	—
Totals	**68**	**10,322**	**22,628,918**	**544,490**	**122,610,179**	**188,330,523**
Rubber products:						
Under 5 employees	4	8	11,204	494	10,753	33,712
5 to 14 employees	13	106	213,989	13,528	391,815	741,195
15 " 49 "	11	286	628,104	46,076	1,864,400	3,173,379
50 " 99 "	6	482	977,171	111,738	1,494,158	3,553,294
100 " 199 "	6	913	1,842,171	146,745	2,846,950	6,451,490
200 " 499 "	6	1,907	4,423,872	452,876	8,212,180	20,042,105
500 " 999 "	8	6,083	13,551,471	631,062	14,851,061	38,671,179
1,000 and over	7	11,942	32,355,777	1,946,848	72,102,065	166,518,156
Head offices [1]	—	85	259,105	—	—	—
Totals	**61**	**21,812**	**54,262,864**	**3,349,367**	**101,773,382**	**239,184,510**
Leather products:						
Under 5 employees	178	391	462,347	31,497	850,009	1,621,732
5 to 14 employees	180	1,569	2,451,778	88,637	4,682,358	8,568,419
15 " 49 "	201	5,789	9,760,786	299,639	18,230,461	33,568,427
50 " 99 "	87	6,116	10,158,687	242,415	20,362,922	35,867,225
100 " 199 "	71	9,774	17,414,643	561,942	35,583,915	61,695,055
200 and over	30	9,351	17,561,436	702,261	41,507,530	69,242,155
Totals	**747**	**32,990**	**57,809,677**	**1,926,391**	**121,217,195**	**210,563,013**
Textile products (except clothing):						
Under 5 employees	146	364	536,552	25,152	1,473,341	2,544,166
5 to 14 employees	223	1,967	3,457,294	185,598	7,357,261	13,276,323
15 " 49 "	247	6,688	12,547,521	689,415	46,081,471	69,648,864
50 " 99 "	84	5,890	11,387,952	761,297	40,683,646	63,787,858
100 " 199 "	57	7,888	16,110,412	1,150,153	40,468,391	71,333,692
200 " 499 "	57	17,427	37,811,960	2,812,424	95,506,717	168,416,487
500 " 999 "	16	11,231	22,926,205	1,560,731	55,934,996	107,258,348
1,000 and over	16	26,984	57,407,498	5,838,301	125,177,030	244,996,947
Head offices [1]	—	1,889	6,989,748	—	—	—
Totals	**846**	**80,328**	**169,175,142**	**13,023,071**	**412,682,853**	**741,262,685**

TABLE 50. Principal Statistics of Manufacturing Industries, by Industrial Groups, Classified by Number of Employees per Establishment, 1950 — Continued

Group	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Clothing (textile and fur):						
Under 5 employees	490	1,265	2,250,033	52,857	8,082,305	14,396,448
5 to 14 employees	889	7,860	14,861,521	280,708	36,822,155	66,669,451
15 " 49 "	1,100	30,087	56,061,101	755,519	100,737,664	192,850,546
50 " 99 "	321	22,297	38,745,790	642,162	71,136,484	137,488,825
100 " 199 "	169	22,828	39,898,850	773,003	72,086,951	139,049,865
200 " 499 "	66	19,830	36,272,399	816,432	57,638,380	119,120,963
500 and over	16	11,591	21,084,749	451,798	31,048,173	64,638,236
Head offices [1]	—	490	2,048,904	—	—	—
Totals	**3,051**	**116,248**	**211,223,347**	**3,772,539**	**377,552,172**	**734,214,334**
Wood products:						
Under 5 employees	7,317	14,709	14,242,840	1,262,413	32,016,414	61,735,425
5 to 14 employees	2,345	18,848	30,961,576	2,043,990	66,232,766	125,678,532
15 " 49 "	1,130	29,237	57,206,503	3,128,490	133,974,183	243,687,017
50 " 99 "	318	21,725	45,163,973	2,159,228	94,431,706	177,627,564
100 " 199 "	133	18,269	40,885,412	1,506,280	79,155,761	156,144,341
200 " 499 "	46	13,334	31,305,811	869,445	53,816,398	115,799,669
500 and over	12	9,429	23,979,526	471,134	50,937,775	105,186,945
Head offices [1]	—	618	2,559,484	—	—	—
Totals	**11,301**	**126,169**	**246,325,125**	**11,440,980**	**510,565,003**	**985,859,493**
Paper products:						
Under 5 employees	46	116	205,658	16,923	662,836	1,097,719
5 to 14 employees	84	765	1,385,498	112,306	4,130,553	7,499,179
15 " 49 "	153	4,492	8,811,405	675,770	25,149,256	47,117,035
50 " 99 "	72	5,118	10,925,290	1,425,784	29,016,135	55,824,732
100 " 199 "	61	11,685	28,526,168	4,491,472	83,986,631	156,225,237
200 " 499 "	46	14,025	38,397,059	11,956,015	111,482,257	239,315,132
500 " 999 "	34	23,908	75,437,983	32,002,795	181,288,436	454,771,262
1,000 and over	12	15,477	51,918,353	21,091,082	105,544,522	289,293,829
Head offices [1]	—	1,933	9,590,024	—	—	—
Totals	**528**	**77,519**	**225,197,438**	**71,772,147**	**541,260,626**	**1,251,144,125**
Printing, publishing and allied industries:						
Under 5 employees	1,457	3,308	5,103,733	256,924	6,637,507	15,199,243
5 to 14 employees	970	7,875	15,252,161	421,033	12,331,329	36,621,784
15 " 49 "	455	11,702	26,970,137	588,753	19,293,739	62,876,042
50 " 99 "	137	9,453	23,685,813	501,151	16,914,388	57,279,652
100 " 199 "	60	8,073	20,151,676	449,661	17,330,546	53,822,765
200 " 499 "	41	12,353	31,829,538	596,687	30,122,394	91,447,231
500 " 999 "	10	6,719	19,767,539	325,957	17,182,283	56,824,536
1,000 and over	3	3,613	11,467,710	262,689	12,259,909	34,871,022
Not classifiable	736	—	—	—	3,438,132	4,069,640
Head offices [1]	—	29	141,330	—	—	—
Totals	**3,869**	**63,125**	**154,369,637**	**3,402,855**	**135,510,227**	**413,011,915**
Iron and steel products:						
Under 5 employees	556	1,427	2,550,315	194,042	2,505,927	7,723,483
5 to 14 employees	708	6,163	13,133,240	666,673	13,192,099	36,639,694
15 " 49 "	595	15,864	37,295,533	1,717,557	45,981,719	111,593,474
50 " 99 "	213	15,093	36,659,554	2,060,741	55,580,423	127,110,563
100 " 199 "	130	18,451	46,639,532	2,620,925	61,453,911	154,672,967
200 " 499 "	134	41,848	112,930,139	6,992,843	163,215,351	406,707,071
500 " 999 "	27	17,780	49,175,749	3,569,421	79,676,225	177,514,400
1,000 and over	27	47,390	138,037,651	27,169,806	240,726,537	502,422,826
Head offices [1]	—	512	1,823,036	—	—	—
Totals	**2,390**	**164,528**	**438,244,749**	**44,992,008**	**662,332,192**	**1,524,384,478**
Transportation equipment:						
Under 5 employees	212	461	588,761	37,488	750,762	1,638,352
5 to 14 employees	123	1,009	2,006,031	93,343	2,629,350	5,800,842
15 " 49 "	106	2,709	5,985,236	258,143	7,262,628	18,102,267
50 " 99 "	42	2,975	7,097,784	307,146	9,814,068	22,043,403
100 " 199 "	41	6,013	14,917,771	718,169	24,821,850	53,207,373
200 " 499 "	37	12,301	32,534,341	1,688,018	60,384,441	109,099,198
500 " 999 "	19	14,000	37,746,100	2,134,696	85,340,065	141,777,543
1,000 and over	21	64,708	189,560,354	7,337,860	483,830,301	887,910,749
Totals	**601**	**104,176**	**290,436,378**	**12,574,863**	**674,833,465**	**1,239,579,727**

TABLE 50. Principal Statistics of Manufacturing Industries, by Industrial Groups, Classified by Number of Employees per Establishment, 1930 — Concluded

Group	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Non-ferrous metal products:						
Under 5 employees	139	343	569,982	33,143	767,352	1,738,869
5 to 14 employees	158	1,403	2,998,658	150,344	5,326,230	10,619,135
15 " 49 "	128	3,443	7,734,488	434,082	33,812,394	50,153,070
50 " 99 "	49	3,470	8,038,633	525,244	26,205,547	40,200,562
100 " 199 "	19	2,764	6,244,325	1,161,947	39,982,184	55,197,600
200 " 499 "	25	7,823	20,510,393	5,590,663	78,113,302	128,750,203
500 " 999 "	10	6,105	14,984,523	4,555,040	170,913,727	278,979,131
1,000 and over	8	18,831	56,400,314	30,070,173	251,571,052	395,113,244
Head offices [1]	—	498	2,054,280	—	—	—
Totals	**536**	**44,680**	**119,535,596**	**42,520,636**	**606,691,788**	**960,751,814**
Electrical apparatus and supplies:						
Under 5 employees	64	147	233,078	16,954	612,455	1,076,036
5 to 14 employees	76	639	1,251,245	41,467	2,184,412	4,420,238
15 " 49 "	97	2,903	6,290,580	247,993	12,464,723	28,446,193
50 " 99 "	53	3,790	7,752,570	261,712	14,411,164	29,721,077
100 " 199 "	39	5,588	13,348,125	493,957	28,544,434	58,885,332
200 " 499 "	28	8,230	20,771,042	725,615	43,251,879	91,381,227
500 " 999 "	15	9,975	26,766,781	616,058	44,112,326	92,595,570
1,000 and over	10	28,978	78,881,081	2,732,427	114,724,634	274,052,713
Head offices [1]	—	12	39,563	—	—	—
Totals	**382**	**60,262**	**155,334,065**	**5,136,183**	**260,306,027**	**580,578,386**
Non-metallic mineral products:						
Under 5 employees	390	871	1,232,744	190,016	1,650,091	4,198,670
5 to 14 employees	320	2,567	5,180,255	972,424	6,753,117	18,665,312
15 " 49 "	203	5,311	12,101,852	4,164,289	13,052,578	45,861,395
50 " 99 "	71	4,968	12,039,324	3,868,125	16,040,062	48,197,745
100 " 199 "	37	5,166	13,209,133	6,432,575	19,362,211	62,721,016
200 " 499 "	16	4,726	12,826,080	7,949,063	15,562,128	58,312,443
500 and over	8	5,484	14,170,532	3,383,706	18,748,418	48,584,782
Head offices [1]	—	510	1,620,490	34,813	—	—
Totals	**1,045**	**29,603**	**72,380,410**	**26,995,011**	**91,168,605**	**286,541,363**
Products of petroleum and coal:						
Under 5 employees	7	18	41,425	5,269	132,146	262,742
5 to 14 employees	11	77	196,520	14,124	508,687	990,883
15 " 49 "	17	388	868,464	183,387	5,795,014	8,048,854
50 " 99 "	14	944	2,605,766	1,127,881	28,340,996	40,441,590
100 " 199 "	6	977	2,572,307	867,755	30,151,887	43,815,547
200 " 499 "	17	5,985	17,590,338	17,303,857	239,168,078	331,865,921
500 and over	4	5,242	15,595,989	9,716,879	138,321,675	190,700,762
Head offices [1]	—	1,546	4,954,539	—	—	—
Totals	**76**	**15,177**	**44,425,368**	**29,219,152**	**442,418,483**	**616,126,299**
Chemical products:						
Under 5 employees	356	772	1,206,940	114,674	3,058,368	7,007,280
5 to 14 employees	266	2,249	5,171,911	467,930	15,169,818	33,560,738
15 " 49 "	247	6,748	16,226,511	1,736,359	76,537,228	133,675,247
50 " 99 "	89	5,970	13,845,420	1,194,886	52,666,761	96,780,677
100 " 199 "	40	5,828	15,160,254	2,259,453	39,258,687	89,026,417
200 " 499 "	24	7,737	21,230,760	5,446,226	62,960,329	134,539,864
500 " 999 "	5	3,170	7,516,733	1,191,217	12,298,795	36,710,212
1,000 and over	6	7,703	21,866,120	9,587,313	45,755,755	115,570,075
Head offices [1]	—	1,298	4,569,754	—	—	—
Totals	**1,033**	**41,475**	**106,794,403**	**21,998,058**	**307,705,741**	**646,870,510**
Miscellaneous manufacturing industries:						
Under 5 employees	301	729	1,240,102	103,840	1,436,724	3,813,666
5 to 14 employees	337	2,771	5,025,345	352,067	5,666,519	15,353,932
15 " 49 "	246	6,553	12,585,903	635,250	16,111,975	39,386,982
50 " 99 "	70	4,846	9,464,101	331,275	15,002,516	33,863,505
100 " 199 "	37	5,245	11,089,598	356,662	13,677,778	35,068,315
200 " 499 "	11	3,061	6,608,515	229,365	7,045,708	18,165,011
500 and over	5	3,762	9,678,202	206,074	8,528,114	23,661,191
Head offices [1]	—	252	718,109	—	—	—
Totals	**1,007**	**27,219**	**56,409,875**	**2,214,533**	**67,469,334**	**169,312,602**

1. Under this heading are included only those offices which are not located at the plant.

Size of Establishment in Leading Industries. Table 51 summarizes the degree of concentration in some of the leading industries of Canada. Concentration is extremely marked in the case of motor vehicles, non-ferrous metal smelting and refining, railway rolling-stock, cotton yarn and cloth, rubber goods, pulp and paper, primary iron and steel and agricultural implements and machinery; whereas in the case of fruit and vegetable preparations, bread and other bakery products, sawmills, furniture, butter and cheese, women's factory clothing, stock and poultry feeds, and miscellaneous foods, the degree of concentration is low. This concentration is analysed in detail for each of the twenty-five leading industries in the tables following.

TABLE 51. Percentage Importance of Establishments, each Employing 200 or more Persons in the Twenty-Five Leading Industries, 1950

No.	Industry	Number of such establishments	Percentage of total number in the industry	Percentage of total production in the industry
1	Pulp and paper	66	55.7	91.8
2	Slaughtering and Meat packing	27	17.2	70.4
3	Motor Vehicles	9	47.4	98.1
4	Non-ferrous Metal Smelting and Refining	14	82.4	98.9
5	Petroleum Products	13	28.3	83.9
6	Sawmills	27	0.4	28.4
7	Primary Iron and Steel	26	47.3	91.6
8	Butter and Cheese	17	0.9	18.5
9	Cotton Yarn and Cloth	30	58.8	94.6
10	Flour Mills	8	6.8	48.4
11	Rubber Goods	21	34.4	94.2
12	Clothing, Men's Factory	31	5.5	36.2
13	Motor Vehicle Parts	22	14.6	81.0
14	Bread and Other Bakery Products	23	0.9	28.7
15	Clothing, Women's Factory	6	0.7	5.6
16	Railway Rolling-Stock	23	60.5	95.4
17	Machinery, Heavy Electrical	14	28.6	89.7
18	Printing and Publishing	29	3.7	65.8
19	Foods, Miscellaneous	1	0.3	1
20	Furniture	17	1.4	18.9
21	Sheet Metal Products	25	8.8	66.2
22	Miscellaneous Electrical Apparatus and Supplies	14	9.7	75.4
23	Fruit and Vegetable Preparations	8	1.8	32.0
24	Sash, Door and Planning Mills	2	0.1	1
25	Machinery, Industrial	19	6.3	46.8

1. Information cannot be published.

TABLE 52. Principal Statistics of the Twenty-Five Leading Manufacturing Industries, Classified According to Number of Employees per Establishment, 1950

Group	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
1. Pulp and Paper:						
5 to 14 employees	2	570	1,308,147	390,316	3,511,003	8,541,788
15 to 49 "	16					
50 to 99 "	14	969	2,514,815	1,037,754	6,807,492	13,430,970
100 to 199 "	25	3,806	10,251,217	3,523,941	26,296,402	56,614,106
200 to 499 "	23	7,754	23,746,490	11,294,400	59,643,098	152,057,260
500 and over	43	37,433	122,537,183	52,865,495	277,624,767	723,493,527
Head Offices[1]	—	1,811	8,888,679	—	—	—
Totals	**123**	**52,343**	**169,246,531**	**69,111,906**	**373,882,762**	**954,137,651**
2. Slaughtering and Meatpacking:						
Under 5 employees	18	53	92,202	20,192	1,215,587	1,410,563
5 to 14 employees	44	384	812,093	104,584	14,060,173	16,760,362
15 to 49 "	34	909	1,952,941	212,492	29,018,401	34,356,186
50 to 99 "	18	1,259	3,276,163	394,346	51,255,640	57,969,888
100 to 199 "	16	2,342	5,478,174	477,772	79,043,301	92,625,521
200 to 499 "	17	5,613	14,879,486	976,862	157,118,345	185,192,341
500 and over	10	9,962	28,040,978	1,801,913	313,642,383	368,728,494
Totals	**157**	**20,522**	**54,532,037**	**3,988,161**	**645,353,830**	**757,043,355**
3. Motor Vehicles:						
50 to 99 employees	3	235	535,544	37,038	1,006,859	1,828,393
100 to 199 "	7	1,020	2,491,744	60,611	7,680,285	11,309,193
200 to 499 "	3	783	1,857,277	129,649	8,863,430	11,673,272
500 and over	6	27,317	89,530,254	2,358,441	370,946,056	651,056,609
Totals	**19**	**29,355**	**94,414,819**	**2,585,739**	**388,496,630**	**675,867,467**

1. Under this heading are included only those head offices which are not located at the plant.

TABLE 52. Principal Statistics of the Twenty-Five Leading Manufacturing Industries, Classified According to Number of Employees per Establishment, 1950 — Continued

Group	Establishment	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
4. Non-ferrous Metal Smelting and Refining:						
50 to 99 employees	2					
100 to 199 "	1	2,175	5,913,369	5,567,614	51,442,498	76,676,787
200 to 499 "	5					
500 and over	9	17,688	52,834,993	32,905,624	377,255,289	593,206,019
Totals	**17**	**19,863**	**58,748,362**	**38,473,238**	**428,697,787**	**669,882,806**
5. Petroleum Products:						
Under 5 employees	7	16	38,208	5,269	147,738	294,749
5 to 14 employees	6	42	112,822	9,176	363,012	599,226
15 to 49 "	7	168	365,083	99,588	3,769,245	5,435,757
50 to 99 "	9	571	1,638,197	813,742	26,541,690	36,409,286
100 to 199 "	4	600	1,717,282	668,006	29,255,424	39,480,235
200 to 499 "	11	7,113	21,731,465	18,193,112	324,279,272	429,297,139
500 and over	2					
Head Offices[1]	—	1,546	4,954,539	—	—	—
Totals	**46**	**10,056**	**30,557,596**	**19,788,893**	**384,356,381**	**511,516,392**
6. Sawmills:						
Under 5 employees	5,487	10,991	9,217,357	874,033	24,927,968	46,535,004
5 to 14 employees	1,426	11,299	17,146,038	1,302,753	40,633,004	77,818,460
15 to 49 "	480	11,983	23,333,686	1,357,290	57,097,392	107,327,662
50 to 99 "	93	6,332	14,402,692	699,876	30,169,371	61,438,747
100 to 199 "	38	5,446	14,081,112	477,360	30,672,863	62,723,900
200 to 499 "	18	5,235	13,410,385	397,259	29,517,609	58,880,212
500 and over	9	7,092	18,408,671	293,057	39,303,401	82,224,413
Head Offices[1]	—	344	1,492,138	—	—	—
Totals	**7,551**	**58,722**	**111,492,079**	**5,401,628**	**252,321,608**	**496,948,398**
7. Primary Iron and Steel:						
5 to 14 employees	2	176	502,068	71,489	242,535	1,158,180
15 to 49 "	6					
50 to 99 "	10	740	1,961,146	278,802	5,070,127	9,388,971
100 to 199 "	11	1,530	3,905,894	568,175	8,417,121	18,003,005
200 to 499 "	8	2,327	6,852,967	1,216,585	7,394,027	24,658,478
500 and over	18	24,266	72,141,593	24,579,699	138,159,109	287,331,408
Head Offices[1]	—	12	48,259	—	—	—
Totals	**55**	**29,051**	**85,411,927**	**26,714,750**	**159,282,919**	**340,540,042**
8. Butter and Cheese:						
Under 5 employees	1,186	2,679	3,129,599	870,894	60,756,493	68,011,048
5 to 14 employees	385	3,029	5,140,323	1,157,998	61,239,520	72,908,871
15 to 49 "	161	4,044	7,609,829	1,464,277	49,690,869	65,230,758
50 to 99 "	33	2,266	4,715,982	692,413	16,771,670	25,963,632
100 to 199 "	24	3,249	7,268,838	880,041	24,244,654	37,489,965
200 to 499 "	13	3,398	8,099,839	750,699	24,055,886	37,216,539
500 and over	4	2,357	5,987,211	521,350	13,258,556	23,888,330
Totals	**1,806**	**21,022**	**41,951,621**	**6,337,672**	**250,017,648**	**330,709,143**
9. Cotton Yarn and Cloth:						
Under 5 employees	1	28	39,013	2,094	82,117	140,659
5 to 14 employees	3					
15 to 49 "	8	224	403,889	25,803	1,600,964	2,364,468
50 to 99 "	3	229	410,645	59,564	1,685,721	2,457,393
100 to 199 "	6	876	1,791,149	126,376	4,984,861	8,987,037
200 to 499 "	13	4,219	8,650,907	619,642	27,909,226	44,999,332
500 and over	17	20,674	41,216,825	3,405,038	121,571,924	198,435,003
Head Offices[1]		717	2,707,615	—	—	—
Totals	**51**	**26,967**	**55,220,043**	**4,238,517**	**157,835,813**	**257,383,892**
10. Flour Mills:						
Under 5 employees	32	68	90,642	32,404	942,579	1,145,458
5 to 14 employees	43	368	782,797	146,134	11,902,833	13,950,841
15 to 49 "	21	558	1,300,965	197,540	22,051,347	25,217,092
50 to 99 "	7	518	1,289,795	273,949	26,331,588	30,007,938
100 to 199 "	7	1,024	2,213,582	318,723	50,159,117	57,181,628
200 to 499 "	8	2,271	5,940,824	546,468	102,368,293	119,604,818
Head Offices[1]	—	96	299,020	—	—	—
Totals	**118**	**4,903**	**11,917,625**	**1,515,218**	**213,755,757**	**247,107,775**
11. Rubber Goods:						
Under 5 employees	4	8	11,204	494	10,753	33,712
5 to 14 employees	13	106	213,989	13,528	391,815	741,195
15 to 49 "	11	286	628,104	46,076	1,864,400	3,173,379
50 to 99 "	6	482	977,171	111,738	1,494,158	3,553,294
100 to 199 "	6	913	1,842,171	146,745	2,846,950	6,451,490
200 to 499 "	6	1,907	4,423,872	452,876	8,212,180	20,042,105
500 and over	15	18,025	45,907,248	2,577,910	86,953,126	205,189,335
Head Offices[1]	—	85	259,105	—	—	—
Totals	**61**	**21,812**	**54,262,864**	**3,349,367**	**101,773,382**	**239,184,510**

TABLE 52. Principal Statistics of the Twenty-Five Leading Manufacturing Industries, Classified According to Number of Employees per Establishment, 1950 — Continued

Group	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
12. Clothing, Men's Factory:						
Under 5 employees	94	227	465,414	4,642	2,588,188	4,789,620
5 to 14 employees	123	1,020	2,048,880	33,277	9,868,948	17,497,083
15 to 49 "	170	4,863	8,336,672	115,397	18,633,670	34,067,269
50 to 99 "	94	6,678	10,946,877	158,339	23,176,997	42,346,506
100 to 199 "	54	7,445	13,367,330	165,409	25,359,627	45,890,977
200 to 499 "	23	6,847	11,706,483	111,392	24,319,930	45,935,314
500 and over	8	5,588	11,604,413	121,021	18,656,055	36,132,288
Head Offices[1]	—	185	825,319	—	—	—
Totals	**566**	**32,853**	**59,301,388**	**709,477**	**122,603,415**	**226,659,057**
13. Motor Vehicle Parts:						
Under 5 employees	17	42	77,724	5,479	126,382	248,828
5 to 14 employees	39	324	754,878	35,029	1,246,384	2,604,196
15 to 49 "	45	1,096	2,457,184	118,921	3,544,803	8,513,738
50 to 99 "	16	1,174	2,844,219	102,246	5,758,546	11,366,683
100 to 199 "	12	1,728	4,575,272	225,925	8,995,316	20,322,422
200 to 499 "	13	4,309	12,376,762	555,138	28,245,055	50,522,136
500 and over	9	11,046	33,006,234	1,891,227	74,172,219	132,961,372
Totals	**151**	**19,719**	**56,092,273**	**2,933,965**	**122,088,705**	**226,539,375**
14. Bread and Other Bakery Products:						
Under 5 employees	1,460	3,447	4,612,662	954,212	9,205,999	17,868,195
5 to 14 employees	829	6,350	9,832,100	1,315,881	18,449,437	34,400,220
15 to 49 "	217	5,504	10,195,940	1,249,373	19,875,638	37,450,623
50 to 99 "	47	3,274	7,091,121	727,419	14,605,024	27,964,230
100 to 199 "	32	4,444	9,436,548	1,074,842	17,627,496	35,304,158
200 to 499 "	18	4,953	11,281,939	1,067,388	19,393,667	38,319,572
500 and over	5	3,177	7,623,688	572,086	10,055,938	23,279,983
Totals	**2,608**	**31,149**	**60,073,998**	**6,961,201**	**109,213,199**	**214,586,981**
15. Clothing, Women's Factory:						
Under 5 employees	79	201	326,132	7,379	1,542,348	2,768,828
5 to 14 employees	249	2,400	4,526,368	55,350	8,512,805	16,647,005
15 to 49 "	430	11,709	23,349,370	214,216	40,870,452	78,897,242
50 to 99 "	108	7,278	13,642,533	114,042	24,189,227	46,438,412
100 to 199 "	42	5,599	10,417,237	88,808	21,861,241	38,961,983
200 to 499 "	6	1,787	3,580,312	24,743	5,736,802	10,922,999
Head Offices[1]	—	7	22,170	—	—	—
Totals	**914**	**28,981**	**55,864,122**	**504,538**	**102,712,875**	**194,636,469**
16. Railway Rolling-Stock:						
Under 5 employees	1	17	35,320	3,443	495,901	610,917
5 to 14 employees	2					
15 to 49 "	4	95	243,897	8,315	1,022,883	1,914,510
50 to 99 "	3	252	574,649	59,804	692,917	1,286,714
100 to 199 "	5	791	1,854,553	181,471	2,304,919	5,036,385
200 to 499 "	8	2,841	7,442,183	434,563	12,992,731	21,170,845
500 and over	15	25,261	63,206,057	3,469,370	92,863,759	164,266,866
Totals	**38**	**29,257**	**73,356,659**	**4,156,966**	**110,373,110**	**194,286,237**
17. Machinery, Heavy Electrical:						
Under 5 employees	1	78	130,720	4,258	173,524	386,514
5 to 14 employees	7					
15 to 49 "	8	242	565,334	18,088	798,494	1,877,840
50 to 99 "	10	660	1,443,583	36,631	2,016,093	4,874,070
100 to 199 "	9	1,276	3,720,264	76,412	5,366,185	12,289,030
200 to 499 "	7	2,162	5,764,377	94,859	8,183,868	17,763,341
500 and over	7	16,407	45,755,787	1,459,493	57,428,691	150,567,487
Totals	**49**	**20,825**	**57,380,065**	**1,689,741**	**73,966,855**	**187,758,282**
18. Printing and Publishing:						
Under 5 employees	316	791	1,170,039	101,664	500,872	2,476,551
5 to 14 employees	259	2,128	3,732,625	166,763	1,349,488	7,350,969
15 to 49 "	111	2,928	6,029,772	171,861	2,660,204	12,379,429
50 to 99 "	48	3,482	8,642,083	235,134	4,651,286	20,296,667
100 to 199 "	24	3,079	8,145,492	191,673	4,708,409	19,542,886
200 to 499 "	19	5,750	14,895,140	310,499	12,184,582	43,188,401
500 and over	10	8,585	26,336,838	536,781	24,573,863	76,126,488
Totals	**787**	**26,743**	**68,951,989**	**1,714,375**	**50,628,704**	**181,361,391**
19. Foods, Miscellaneous:						
Under 5 employees	83	196	271,800	19,283	1,853,403	2,472,803
5 to 14 employees	100	795	1,394,635	114,538	7,320,799	10,707,137
15 to 49 "	82	2,286	4,208,491	318,591	38,396,344	50,147,115
50 to 99 "	18	1,248	2,532,452	187,970	22,955,561	31,466,863
100 to 199 "	15	2,409	5,054,828	322,060	61,613,428	84,813,846
200 to 499 "	1					
Head Offices[1]	—	195	736,087	—	—	—
Totals	**299**	**7,129**	**14,198,293**	**962,442**	**132,139,535**	**179,607,764**

TABLE 52. Principal Statistics of the Twenty-Five Leading Manufacturing Industries, Classified According to Number of Employees per Establishment, 1950 — Concluded

Group	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
20. Furniture:						
Under 5 employees	478	1,055	1,572,449	88,056	2,053,647	4,564,912
5 to 14 employees	347	2,873	5,513,419	208,338	7,964,024	16,467,699
15 to 49 "	239	6,531	13,150,086	415,364	19,902,533	40,986,212
50 to 99 "	81	5,789	11,933,847	424,297	15,255,409	34,294,179
100 to 199 "	45	5,988	13,503,786	451,863	20,760,174	43,528,884
200 to 499 "	16	5,023	11,438,157	315,396	13,867,843	32,489,258
500 and over	1					
Totals	**1,207**	**27,259**	**57,111,744**	**1,903,314**	**79,803,630**	**172,331,144**
21. Sheet Metal Products:						
Under 5 employees	56	132	230,280	18,559	406,199	992,020
5 to 14 employees	80	674	1,419,381	63,260	2,170,856	4,488,431
15 to 49 "	76	2,013	4,564,880	209,805	8,025,653	16,882,129
50 to 99 "	32	2,245	5,474,288	240,866	10,964,119	21,686,146
100 to 199 "	14	1,931	4,324,553	198,793	6,230,160	14,086,871
200 to 499 "	20	6,188	16,305,810	742,339	42,870,124	74,833,102
500 and over	5	3,815	10,198,574	561,792	21,685,149	38,978,003
Head offices[1]	—	51	112,521	—	—	—
Totals	**283**	**17,049**	**42,630,287**	**2,035,414**	**92,352,260**	**171,946,702**
22. Miscellaneous Electrical Apparatus and Supplies:						
Under 5 employees	27	61	100,634	6,782	340,967	566,587
5 to 14 employees	32	274	542,507	21,694	786,980	1,828,613
15 to 49 "	43	1,282	2,901,713	130,217	6,241,999	14,421,507
50 to 99 "	19	1,340	2,781,980	105,697	5,208,323	11,102,357
100 to 199 "	10	1,391	2,881,735	137,637	5,428,004	14,122,081
200 to 499 "	7	1,885	4,860,718	211,951	9,645,696	21,664,279
500 and over	7	13,001	35,398,388	1,145,241	46,656,669	107,029,967
Head Offices[1]	—	12	39,563	—	—	—
Totals	**145**	**19,246**	**49,507,238**	**1,759,219**	**74,308,638**	**170,735,391**
23. Fruit and Vegetable Preparations:						
Under 5 employees	106	274	236,795	29,829	760,390	1,193,769
5 to 14 employees	126	1,127	1,296,489	135,382	4,817,949	7,533,777
15 to 49 "	136	3,763	5,632,966	621,301	21,990,732	35,639,647
50 to 99 "	44	3,006	4,703,191	476,829	17,887,868	30,656,675
100 to 199 "	24	3,237	5,339,669	467,133	21,138,508	34,510,446
200 to 499 "	6	3,243	6,650,219	639,306	27,848,347	51,557,420
500 and over	2					
Head Offices[1]	—	243	701,822	—	—	—
Totals	**444**	**14,893**	**24,561,151**	**2,369,780**	**94,443,794**	**161,091,734**
24. Sash, Door and Planing Mills:						
Under 5 employees	877	1,736	2,345,720	217,874	3,378,603	7,242,647
5 to 14 employees	365	3,027	5,571,520	362,746	12,528,327	21,771,263
15 to 49 "	258	6,537	13,179,910	865,547	40,930,346	65,803,851
50 to 99 "	70	4,701	9,513,320	435,553	25,097,013	41,590,170
100 to 199 "	18	3,017	5,952,928	218,955	14,972,969	24,311,767
200 to 499 "	2					
Head Offices[1]	—	110	361,232	—	—	—
Totals	**1,590**	**19,128**	**36,924,630**	**2,100,675**	**96,907,258**	**160,719,698**
25. Machinery, Industrial:						
Under 5 employees	49	128	254,029	17,817	223,264	684,985
5 to 14 employees	75	724	1,625,857	77,413	1,663,881	4,838,045
15 to 49 "	82	2,290	5,823,473	205,779	6,937,866	16,395,207
50 to 99 "	46	3,254	8,347,601	311,478	10,758,472	27,908,168
100 to 199 "	32	4,611	12,339,442	361,691	10,658,226	35,436,217
200 to 499 "	16	4,956	13,324,641	574,546	12,429,076	43,244,581
500 and over	3	3,161	8,936,273	436,418	12,833,889	31,884,095
Head Offices[1]	—	265	799,122	—	—	—
Totals	**303**	**19,389**	**51,447,438**	**1,985,142**	**55,504,674**	**160,391,298**

1. Under this heading are included only those head offices which are not located at the plant.

Subsection 6. Power and fuel

Cost of Fuel and Electricity. Fuel is used quite generally throughout the industrial field for the generation of power by means of steam and internal combustion engines. It is also used for the heating of plants, and for providing the heat necessary to some manufacturing processes. The most important industries where heat is applied to the materials to facilitate or accomplish the desired transformation are foundries and machine shops, brick, tile, lime, and cement-making, petroleum refining, the glass industry, distilleries, food preparation, rubber goods, etc. Fuel used for such heating purposes, as well as for power, is included in the figures of Table 53. In addition to the electricity used for ordinary power purposes, the figures include also the electricity used for heating boilers in the pulp and paper industry. Consumption of surplus energy in electric boilers increased rapidly during the years preceding the Second World War.

The figures of the table do not include coke charged to iron-blast furnaces or foundry cupolas. Neither do they include fuels that constitute the raw materials to be transformed as coal in the coke and gas industries and crude petroleum in the refining industry.

The value of fuel consumed increased 303 p.c. from 1939 to 1950. Part of the increase was due to an increase in the quantity used and part to the rise in the unit cost of fuels of all kinds. The cost of electricity purchased, on the other hand, has increased during the same period by 112 p.c. The groups of industries in which fuel was most extensively used in 1950 were: paper products, food and beverages, iron and steel, products of petroleum and coal, non-ferrous metal products, non-metallic mineral products and chemicals and allied products.

Of the total cost of purchased fuel and electricity for Canada as a whole in 1950, 68.3 p.c. was for fuel and 31.7 p.c. for electricity. Newfoundland with 94.6 p.c. of the total was the largest user of fuel, while Quebec with 56.3 p.c. was the smallest. Provinces lacking in water power resources naturally have to rely on fuel for power and for this reason the percentage that fuel is to the total is much higher than in Provinces such as Quebec where there is an abundant supply of water for power purposes. In the Provinces of Prince Edward Island, Nova Scotia, New Brunswick, Saskatchewan, and Alberta, primary power produced from fuels is an important factor in power utilization.

Power Consumption. Power equipment installed in manufacturing establishments is a very good barometer of the industrial development of Canada, inasmuch as production is increasingly dependent on power equipment. Increases and decreases in productive capacity, measured in horse-power, are not the result of temporary fluctuations in costs and values in the same manner as capital investments, values of products, etc. Of course, power equipment installed is not a measure of the actual utilization of power for there is generally an excess over actual requirements, i.e., over power equipment in operation. Producers must have an installed operating margin in excess of normal requirements to provide for booming business conditions or breakdown of part of the plant. In times of depression this margin increases. During short periods of expanded production, the number of horse-power per wage-earner tends to decrease in view of the fact power equipment is not immediately increased, the expanded production being secured through overtime work or an increase in the number of shifts worked.

Of the total increase in power equipment employed in manufacturing industries between 1939 and 1948, 65 p.c. was in electric motors operated by power purchased from central electric stations. However, some sections of Canada are not well provided with water power and in such sections primary power derived from steam engines or turbines, and internal combustion engines—which include all gasoline engines, gas engines (natural, coal, and producer gas), and compression-ignition engines—also has increased rapidly during the period covered. During the period 1939-1948 there was an increase of 57 p.c. in the capacity of water wheels, 30 p.c. in the capacity of steam engines, 55 p.c. in the capacity of electric motors, while internal combustion engines quadrupled during the same period. The collection of statistics on power equipment was discontinued in 1949 and will in future be collected only periodically.

Power consumed by the manufacturing industries, purchased power as well as power generated for own use, totalled 33.7 billion K.W.H. in 1950, an increase of 74 p.c. as compared with 1939. Of the total consumed,Quebec used 51.9 p.c., Ontario 29.9 p.c., British Columbia 8.4 p.c., Newfoundland 2.8 p.c., New Brunswick 2.3 p.c. and Manitoba 2.2 p.c.

The paper products group with 37 p.c. of the total was the largest user of electric power. This group was also the largest user of purchased fuel. The non-ferrous metal products group was the second largest user of power with 29.6 p.c., followed by chemicals and allied products with 12.1 p.c., iron and steel products 7.2 p.c., non-metallic mineral products 3.7 p.c. etc.

Table 53 gives details of purchased fuel and electricity as well as power consumption by industrial groups and provinces.

TABLE 53. Value of Fuel and Electricity Used by the Manufacturing Industries of Canada, 1939-49 with Details by Provinces and Industrial Groups, 1950

Note: Includes fuel and electricity used in smelters for metallurgical purposes.

Year, Province or Group	Value of purchased fuel	Value of purchased electricity	Total	Comsumption of electric power		
				Purchased	Generated for own use	Total
	$	$	$	1000 K.W.H.	1000 K.W.H.	1000 K.W.H.
1939	57,063,131	50,509,121	107,572,252	17,072,764	2,357,669	19,430,433
1940	78,550,913	58,429,262	136,980,175	17,954,995	2,640,918	20,595,913
1941	102,886,816	71,754,501	174,641,317	20,289,238	2,840,841	23,130,079
1942	121,512,643	85,205,846	206,718,489	23,650,840	3,345,443	26,996,283
1943	134,004,345	91,950,030	225,954,375	26,399,730	3,211,610	29,611,340
1944	137,883,770	87,699,383	225,583,153	25,777,238	2,752,124	28,529,362
1945	128,384,255	83,999,865	212,384,120	23,986,993	2,362,260	26,349,253
1946	127,179,620	83,273,105	210,452,725	25,250,876	2,714,261	27,965,137
1947	163,813,503	90,876,176	254,689,679	26,728,239	3,467,535	30,195,774
1948	209,063,839	94,475,355	303,539,194	24,907,413	4,590,676	29,498,089
1949	208,776,571	97,019,231	305,795,802	25,067,855	5,898,390	30,966,245
Provinces, 1950						
Newfoundland	2,689,995	154,855	2,844,850	5,704	926,921	932,625
Prince Edward Island	207,973	75,591	283,564	3,273	—	3,273
Nova Scotia	9,059,249	1,916,641	10,975,890	230,942	143,125	374,067
New Brunswick	7,363,044	2,119,390	9,482,434	432,027	335,616	767,643
Quebec	66,795,122	51,881,813	118,676,935	16,719,110	788,681	17,507,791
Ontario	116,895,950	39,094,699	155,990,649	8,249,527	1,845,102	10,094,629
Manitoba	5,518,958	2,950,958	8,469,916	730,881	5,722	736,603
Saskatchewan	2,702,384	1,325,624	4,028,008	205,509	2,330	207,839
Alberta	4,514,975	2,301,131	6,816,106	292,929	10,693	303,622
British Columbia	14,116,931	5,115,927	19,232,858	612,199	2,207,860	2,820,059
Yukon and Northwest Territories	128,498	3,912	132,410	28	—	28
Canada	**229,993,079**	**106,940,541**	**336,933,620**	**27,482,129**	**6,266,050**	**33,748,179**
Industrial Groups, 1950						
Foods and beverages	32,580,766	9,470,570	42,051,336	809,818	36,677	846,495
Tobacco and tobacco products	360,928	183,562	544,490	14,889	—	14,889
Rubber products	1,910,267	1,439,100	3,349,367	218,992	9,574	228,566
Leather products	1,254,620	671,771	1,926,391	43,982	—	43,982
Textile products (except clothing)	8,162,596	4,860,475	13,023,071	631,238	62,595	693,833
Clothing (textile and fur)	2,069,045	1,703,494	3,772,539	87,744	—	87,744
Wood products	6,909,226	4,531,754	11,440,980	289,193	55,292	344,485
Paper products	46,248,269	25,523,878	71,772,147	8,544,923	3,949,243	12,494,166
Printing, publishing and allied industries	1,700,656	1,702,199	3,402,855	107,392	—	107,392
Iron and steel products	32,030,978	12,961,030	44,992,008	2,272,474	156,991	2,429,465
Transportation equipment	8,615,499	3,959,364	12,574,863	430,652	95,748	526,400
Non-ferrous metal products	21,512,653	21,007,983	42,520,636	9,278,941	700,035	9,978,976
Electrical apparatus and supplies	2,841,756	2,294,427	5,136,183	252,336	18,185	270,521
Non-metallic mineral products	21,419,537	5,575,474	26,995,011	1,239,321	16,693	1,256,014
Products of petroleum and coal	27,532,812	1,686,340	29,219,152	232,782	8,868	241,650
Chemicals and allied products	13,743,124	8,254,934	21,998,058	2,929,009	1,156,149	4,085,158
Miscellaneous industries	1,100,347	1,114,186	2,214,533	98,443	—	98,443

PART II. PROVINCIAL AND LOCAL DISTRIBUTION OF MANUFACTURING PRODUCTION

Section 1. Type and Concentration of Manufacturing Production

This part of the Report is introduced by a general analysis of the concentration of the manufacturing industries in the provinces. In the sections that follow, the principal features of the manufactures of each province are brought out and finally the distribution of manufacturing throughout the principal cities and towns of Canada is shown.

Ontario and Quebec are by far the most important manufacturing provinces of Canada. Their combined production in 1950 amounted to $10,965,427,271 or 79 p.c. of the total gross value of manufactured products. The proximity of Ontario to the coalfields of Pennsylvania, the water power and other varied resources of the provinces, and their nearness to the larger markets of Canada and the United States have all contributed to this progress.

Table 1 shows the outstanding predominance of Ontario and Quebec in each industrial group. Quebec leads in the manufacture of tobacco and tobacco products, textiles (except clothing), clothing (textile and fur), paper products and products of petroleum and coal. In each of the other groups Ontario has the greater production of the two provinces. In the production of wood products British Columbia with 39 p.c. of the total holds the dominant position, outranking both Ontario and Quebec which account respectively for 26 and 21 p.c. of the total. In each of the other groups Ontario and Quebec lead by a wide margin.

TABLE 1. Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1950

Province and Group	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
	No.	No.	$	$	$	$
Canada						
Foods and beverages[1]	8,401	167,664	346,714,443	2,102,437,260	885,322,008	3,029,810,604
Tobacco and tobacco products	68	10,322	22,628,918	122,610,179	65,175,854	188,330,523
Rubber products	61	21,812	54,262,864	101,773,382	134,061,761	239,184,510
Leather products	747	32,990	57,809,677	121,217,195	87,419,427	210,563,013
Textile products (except clothing)	846	80,328	169,175,142	412,682,853	315,556,761	741,262,685
Clothing (textile and fur)	3,051	116,248	211,223,347	377,552,172	352,889,623	734,214,334
Wood products	11,301	126,169	246,325,125	510,565,003	463,853,510	985,859,493
Paper products	528	77,519	225,197,438	541,260,626	638,111,352	1,251,144,125
Printing, publishing and allied industries	3,869	63,125	154,369,637	135,510,227	274,098,833	413,011,915
Iron and steel products	2,390	164,528	438,244,749	662,332,192	817,060,278	1,524,384,478
Transportation equipment	601	104,176	290,436,378	674,833,465	552,171,399	1,239,579,727
Non-ferrous metal products	536	44,680	119,535,596	606,691,788	311,539,390	960,751,814
Electrical apparatus and supplies	382	60,262	155,334,065	260,306,027	315,136,176	580,578,386
Non-metallic mineral products	1,045	29,603	72,380,410	91,168,605	168,377,747	286,541,363
Products of petroleum and coal	76	15,177	44,425,368	442,418,483	144,488,664	616,126,299
Chemicals and allied products	1,033	41,475	106,794,403	307,705,741	317,166,711	646,870,510
Miscellaneous manufacturing industries	1,007	27,219	56,409,875	67,469,334	99,628,735	169,312,602
Totals	**35,942**	**1,183,297**	**2,771,267,435**	**7,538,534,532**	**5,942,058,229**	**13,817,526,381**
Newfoundland						
Foods and beverages[1]	38	975	1,773,110	5,407,171	4,519,557	10,177,353
Tobacco and tobacco products	[2]	[2]	[2]	[2]	[2]	[2]
Rubber products	—	—	—	—	—	—
Leather products	[2]	[2]	[2]	[2]	[2]	[2]
Textile products (except clothing)	5	99	161,863	489,640	314,730	822,950
Clothing (textile and fur)	6	315	371,941	637,737	412,671	1,060,079
Wood products	732	1,472	1,270,414	2,665,208	2,276,124	5,049,034
Paper products	3	2,763	10,627,615	20,124,871	25,613,377	48,056,345
Printing, publishing and allied industries	29	382	850,870	342,373	1,281,218	1,658,832
Iron and steel products	7	214	445,206	325,998	639,263	996,871
Transportation equipment	6	69	101,756	66,139	177,818	248,679
Non-ferrous metal products	—	—	—	—	—	—
Electrical apparatus and supplies	—	—	—	—	—	—
Non-metallic mineral products	12	108	164,287	165,642	335,732	532,381
Products of petroleum and coal	[2]	[2]	[2]	[2]	[2]	[2]
Chemicals and allied products	6	75	151,304	558,319	416,180	988,094
Miscellaneous manufacturing industries	3	57	76,539	45,749	23,402	71,247
All other groups[3]	3	153	251,347	676,776	702,305	1,400,985
Totals	**850**	**6,682**	**16,246,252**	**31,505,623**	**36,712,377**	**71,062,850**
Prince Edward Island						
Foods and beverages	124	1,092	1,395,978	11,725,236	2,640,374	14,583,372
Tobacco and tobacco products	[2]	[2]	[2]	[2]	[2]	[2]
Rubber products	—	—	—	—	—	—
Leather products	[2]	[2]	[2]	[2]	[2]	[2]
Textile products (except clothing)	[2]	[2]	[2]	[2]	[2]	[2]
Clothing (textile and fur)	[2]	[2]	[2]	[2]	[2]	[2]
Wood products	91	263	247,952	621,894	511,604	1,153,112
Paper products	—	—	—	—	—	—
Printing, publishing and allied industries	10	159	278,570	125,893	406,866	543,906
Iron and steel products	5	120	166,981	211,599	233,650	462,014
Transportation equipment	4	6	4,351	4,090	5,732	10,480
Non-ferrous metal products	—	—	—	—	—	—
Electrical apparatus and supplies	—	—	—	—	—	—
Non-metallic mineral products	[2]	[2]	[2]	[2]	[2]	[2]
Products of petroleum and coal	—	—	—	—	—	—
Chemicals and allied products	[2]	[2]	[2]	[2]	[2]	[2]
Miscellaneous manufacturing industries	—	—	—	—	—	—
All other groups[4]	10	146	248,348	2,554,330	486,191	3,058,139
Totals	**244**	**1,786**	**2,342,180**	**15,243,042**	**4,284,417**	**19,811,023**

TABLE 1. Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1930 — Continued

Province and Group	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
	No.	No.	$	$	$	$
Nova Scotia						
Foods and beverages	404	7,812	11,745,253	46,332,198	24,760,617	72,411,976
Tobacco and tobacco products	—	—	—	—	—	—
Rubber products	—	—	—	—	—	—
Leather products	5	96	136,995	223,358	235,364	461,090
Textile products (except clothing)	11	625	1,262,949	3,481,826	2,699,363	6,330,791
Clothing (textile and fur)	15	1,327	1,833,209	3,966,761	3,006,006	7,082,100
Wood products	737	4,775	6,206,431	14,751,332	11,052,112	26,211,572
Paper products	7	1,237	3,330,983	5,666,704	9,332,218	16,400,221
Printing, publishing and allied industries	120	1,251	2,477,018	1,915,191	4,727,038	6,729,288
Iron and steel products	49	6,331	16,372,581	27,675,599	22,557,086	54,607,438
Transportation equipment	77	2,973	6,553,536	7,956,663	7,054,680	15,469,967
Non-ferrous metal products	—	—	—	—	—	—
Electrical apparatus and supplies	5	5	5	5	5	5
Non-metallic mineral products	28	635	1,166,806	903,035	2,231,049	3,644,017
Products of petroleum and coal	3	989	2,868,990	31,194,107	7,949,873	41,146,494
Chemicals and allied products	15	301	693,092	2,951,451	1,867,206	4,956,036
Miscellaneous manufacturing industries[6]	11	127	240,218	112,820	307,952	436,509
Totals	**1,482**	**28,479**	**54,888,061**	**147,131,045**	**97,780,564**	**255,887,499**
New Brunswick						
Foods and beverages	339	6,830	10,106,726	72,928,391	25,870,558	100,545,788
Tobacco and tobacco products	—	—	—	—	—	—
Rubber products	—	—	—	—	—	—
Leather products	11	326	490,992	1,083,269	968,211	2,068,703
Textile products (except clothing)	15	1,933	3,726,982	7,022,355	6,773,402	14,045,309
Clothing (textile and fur)	5	250	333,538	493,152	423,552	937,915
Wood products	572	4,973	7,346,459	18,462,935	63,707,241	32,567,487
Paper products	13	3,784	11,728,577	31,290,584	36,935,052	74,121,704
Printing, publishing and allied industries	64	828	1,584,448	1,010,737	2,872,845	3,949,213
Iron and steel products	29	1,260	2,682,353	4,212,403	5,805,215	10,207,322
Transportation equipment	12	2,238	5,399,465	5,444,983	5,900,242	11,657,556
Non-ferrous metal products	5	5	5	5	5	5
Electrical apparatus and supplies	—	—	—	—	—	—
Non-metallic mineral products	26	388	732,446	1,180,269	2,375,292	3,941,975
Products of petroleum and coal	5	5	5	5	5	5
Chemicals and allied products	7	136	346,113	3,237,908	997,689	4,292,968
Miscellaneous manufacturing industries[7]	14	917	1,907,970	1,699,238	3,575,110	5,417,127
Totals	**1,107**	**23,863**	**46,386,069**	**148,066,224**	**106,204,409**	**263,753,067**
Quebec						
Foods and beverages	2,696	41,405	82,056,501	530,447,267	226,814,557	767,879,619
Tobacco and tobacco products	42	8,383	18,827,150	61,254,073	55,651,347	117,262,440
Rubber products	23	6,686	14,958,889	18,400,998	22,408,932	41,545,119
Leather products	394	17,404	27,522,886	49,261,557	39,772,270	89,622,366
Textile products (except clothing)	382	46,002	96,193,845	223,204,872	178,051,240	408,773,561
Clothing (textile and fur)	1,726	65,795	115,871,769	216,999,240	199,061,671	417,865,202
Wood products	3,357	32,443	54,515,819	113,139,835	95,733,606	211,460,889
Paper products	178	31,144	89,158,704	217,957,215	260,803,937	514,069,763
Printing, publishing and allied industries	1,025	16,748	40,610,493	36,314,207	73,940,722	111,045,559
Iron and steel products	544	35,572	89,506,531	114,627,312	163,884,333	284,918,357
Transportation equipment	103	23,677	61,514,672	81,996,991	72,376,251	157,531,149
Non-ferrous metal products	161	14,089	36,748,633	222,777,032	111,839,649	356,563,186
Electrical apparatus and supplies	81	16,430	42,276,707	61,580,301	79,521,806	142,371,353
Non-metallic mineral products	293	8,487	19,791,187	26,765,968	45,796,326	81,570,589
Products of petroleum and coal	12	3,168	9,376,201	145,260,550	50,298,509	206,297,281
Chemicals and allied products	336	15,159	38,229,360	86,463,568	95,553,454	187,265,942
Miscellaneous manufacturing industries	317	7,571	14,175,353	19,025,264	26,811,495	46,430,915
Totals	**11,670**	**390,163**	**851,334,700**	**2,225,476,250**	**1,798,320,105**	**4,142,473,290**
Ontario						
Foods and beverages	3,148	68,496	147,568,172	820,053,953	377,700,150	1,215,694,455
Tobacco and tobacco products	22	1,797	3,571,738	60,699,293	8,827,577	69,703,729
Rubber products	32	15,084	39,215,136	83,347,431	111,523,075	197,476,263
Leather products	265	13,892	27,530,376	65,631,438	43,108,524	109,996,917
Textile products (except clothing)	358	29,919	64,486,404	162,712,086	121,576,737	289,150,649
Clothing (textile and fur)	1,014	39,627	77,421,583	124,539,425	121,284,499	247,425,826
Wood products	2,569	35,712	70,826,772	127,866,580	120,353,730	251,226,518
Paper products	262	30,867	87,959,140	212,242,594	228,464,138	462,606,653
Printing, publishing and allied industries	1,570	31,829	81,030,097	75,076,406	143,505,131	220,355,017
Iron and steel products	1,221	106,259	291,565,663	461,986,077	552,537,226	1,046,324,751
Transportation equipment	247	63,071	187,534,526	549,845,151	432,157,829	989,443,986
Non-ferrous metal products	307	24,844	66,645,065	249,272,872	184,875,702	451,117,491
Electrical apparatus and supplies	250	42,628	110,542,316	194,002,398	230,578,986	428,337,963
Non-metallic mineral products	481	15,426	39,925,566	48,873,703	92,954,493	154,621,200
Products of petroleum and coal	29	7,901	23,141,501	137,160,468	55,749,080	204,540,649
Chemicals and allied products	515	21,755	56,721,101	180,932,103	179,782,157	375,896,422
Miscellaneous manufacturing industries	519	17,406	37,313,990	44,579,517	63,162,803	109,035,492
Totals	**12,809**	**566,513**	**1,412,999,146**	**3,598,821,495**	**3,068,141,837**	**6,822,953,981**
Manitoba						
Foods and beverages	368	9,804	22,494,668	166,369,904	52,094,453	220,969,535
Tobacco and tobacco products	—	—	—	—	—	—
Rubber products	5	5	5	5	5	5
Leather products	33	682	1,122,270	3,223,712	1,661,337	4,919,186
Textile products (except clothing)	25	756	1,415,293	6,707,779	2,349,422	9,165,098
Clothing (textile and fur)	166	6,250	10,931,147	22,265,653	19,924,860	42,340,779

TABLE 1. Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1950 — Concluded

Province and Group	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
Manitoba — Concluded	No.	No.	$	$	$	$
Wood products	314	3,149	6,071,378	11,844,580	10,338,386	22,465,681
Paper products	20	1,415	3,400,799	9,462,233	12,963,278	23,389,225
Printing, publishing and allied industries	265	3,814	8,271,616	7,476,331	14,968,668	22,654,957
Iron and steel products	119	4,796	11,438,870	15,140,332	24,276,075	40,238,711
Transportation equipment	23	6,582	15,497,577	17,486,444	17,073,617	35,195,790
Non-ferrous metal products	19	498	1,299,978	18,291,247	1,646,758	20,437,053
Electrical apparatus and supplies	17	632	1,190,121	2,887,825	2,910,012	5,864,224
Non-metallic mineral products	44	962	2,091,613	3,105,304	6,491,928	11,123,245
Products of petroleum and coal	4	417	970,782	8,462,206	3,477,121	12,402,413
Chemicals and allied products	44	761	1,567,404	6,872,458	5,064,941	12,070,271
Miscellaneous manufacturing industries[8]	46	467	938,085	788,699	1,810,727	2,670,038
Totals	**1,507**	**40,985**	**88,701,601**	**300,384,707**	**177,051,583**	**485,906,206**
Saskatchewan						
Foods and beverages	233	5,037	11,154,249	89,621,459	28,365,139	119,532,117
Tobacco and tobacco products	—	—	—	—	—	—
Rubber products	—	—	—	—	—	—
Leather products	[5]	[5]	[5]	[5]	[5]	[5]
Textile products (except clothing)	5	117	225,162	1,259,881	339,635	1,612,687
Clothing (textile and fur)	14	202	348,444	722,891	525,405	1,255,059
Wood products	333	1,413	2,179,992	4,391,028	4,291,714	8,824,276
Paper products	3	16	36,570	39,260	60,713	100,973
Printing, publishing and allied industries	183	1,424	3,056,922	1,920,907	4,832,820	6,857,112
Iron and steel products	49	726	1,455,058	2,520,091	2,581,183	5,195,553
Transportation equipment	6	24	58,863	82,406	119,134	206,924
Non-ferrous metal products	[5]	[5]	[5]	[5]	[5]	[5]
Electrical apparatus and supplies	—	—	—	—	—	—
Non-metallic mineral products	28	323	762,925	850,145	1,860,783	2,865,114
Products of petroleum and coal	8	693	2,010,113	39,867,481	3,671,714	44,854,805
Chemicals and allied products	11	233	579,154	1,299,810	648,260	1,983,612
Miscellaneous manufacturing industries[9]	14	388	1,143,017	21,981,947	2,198,141	24,791,723
Totals	**887**	**10,596**	**23,010,469**	**164,557,306**	**49,494,641**	**218,079,955**
Alberta						
Foods and beverages	414	9,610	21,258,948	166,004,309	51,699,921	219,668,936
Tobacco and tobacco products	—	—	—	—	—	—
Rubber products	[5]	[5]	[5]	[5]	[5]	[5]
Leather products	12	57	77,822	88,169	99,308	189,264
Textile products (except clothing)	12	162	271,271	1,821,019	531,610	2,365,364
Clothing (textile and fur)	32	928	1,498,236	3,307,832	3,930,392	7,258,127
Wood products	715	5,365	9,425,534	23,999,375	18,042,642	42,743,016
Paper products	5	138	309,067	1,419,576	881,235	2,312,106
Printing, publishing and allied industries	232	1,940	4,362,982	3,106,065	8,274,561	11,473,838
Iron and steel products	107	2,472	5,908,605	7,167,799	9,415,797	16,826,264
Transportation equipment	19	2,295	5,541,094	6,169,301	5,810,729	12,189,301
Non-ferrous metal products	5	63	154,874	715,600	361,811	1,085,871
Electrical apparatus and supplies	4	17	26,040	24,597	37,754	64,713
Non-metallic mineral products	59	1,965	4,548,971	5,529,299	10,108,068	16,875,498
Products of petroleum and coal	8	920	2,845,676	50,067,654	8,421,998	59,928,306
Chemicals and allied products	21	575	1,613,451	2,322,082	5,168,453	8,330,625
Miscellaneous manufacturing industries[8]	26	225	573,753	388,372	1,108,589	1,528,794
Totals	**1,671**	**26,732**	**58,416,324**	**272,131,049**	**123,892,868**	**402,840,023**
British Columbia						
Foods and beverages	632	16,586	37,133,115	193,488,744	90,796,202	288,220,391
Tobacco and tobacco products	—	—	—	—	—	—
Rubber products	4	34	74,315	19,676	111,136	138,687
Leather products	23	526	917,216	1,686,834	1,560,287	3,270,953
Textile products (except clothing)	31	654	1,344,036	4,747,339	2,746,434	7,580,366
Clothing (textile and fur)	72	1,542	2,597,380	4,610,681	4,305,501	8,965,381
Wood products	1,873	36,569	88,172,687	192,724,150	187,392,993	383,899,507
Paper products	37	6,155	18,645,983	43,057,589	63,057,404	110,087,135
Printing, publishing and allied industries	369	4,741	11,828,321	8,218,557	19,266,126	27,715,305
Iron and steel products	260	6,778	18,702,901	28,464,982	35,130,450	64,607,197
Transportation equipment	104	3,241	8,230,538	5,781,297	11,495,367	17,625,895
Non-ferrous metal products	39	4,379	12,627,247	93,083,550	8,915,614	104,417,162
Electrical apparatus and supplies	29	478	1,143,030	1,745,869	1,934,544	3,718,672
Non-metallic mineral products	72	1,296	3,171,790	3,775,478	6,168,223	11,288,768
Products of petroleum and coal	9	1,000	2,982,619	29,470,227	14,535,298	45,507,047
Chemicals and allied products	76	2,437	6,801,719	21,801,629	27,462,183	49,606,638
Miscellaneous manufacturing industries	66	959	2,284,080	1,501,235	4,728,499	6,367,852
Totals	**3,696**	**87,375**	**216,656,977**	**634,177,837**	**479,606,261**	**1,133,016,956**
Yukon and N.W.T.						
Foods and beverages	5	17	27,723	58,628	60,480	127,062
Wood products	8	35	61,687	98,086	153,358	258,401
All other groups[10]	6	71	196,246	883,240	355,329	1,356,068
Totals	**19**	**123**	**285,656**	**1,039,954**	**569,167**	**1,741,531**

1. Exclusive of fish processing in Newfoundland.
2. Confidential. Included under all other groups.
3. Includes tobacco and tobacco products, leather products and products of petroleum and coal.
4. Includes tobacco products, leather products, textile and fur products, cement products, stone products and fertilizers.
5. Confidential. Included in miscellaneous manufacturing industries.
6. Includes electrical apparatus and supplies.
7. Includes non-ferrous metal products and products of petroleum and coal.
8. Includes rubber products.
9. Includes leather products and non-ferrous metal products.
10. Includes printing, publishing and allied trades, non-ferrous metal products, products of petroleum and coal and miscellaneous industries.

The degree of concentration of manufacturing production in large units is illustrated in Table 2. In Newfoundland 39.2 p.c. of all persons engaged in manufacturing were employed in establishments having 500 or more employees, as compared with 33.4 p.c. for Canada as a whole. Prior to the entry of Newfoundland into Confederation Ontario had the greatest concentration. In 1950 it ranked second with 37.4 p.c. of its employees concentrated in the largest units. Quebec ranked third with 34.9 p.c., followed by New Brunswick with 28.5 p.c., Nova Scotia 24.7 p.c., British Columbia 23.3 p.c., Manitoba 19.4 p.c. and Alberta 9.0 p.c. There were no plants in either Prince Edward Island or Saskatchewan with an employment of 500 or more persons.

TABLE 2. Concentration of Manufacturing Production in Each Province, 1950

Province	Number of establishments employing 500 or more persons	Percentage of total number of establishments in province	Provincial percentage of number of employees accounted for by these establishments
Newfoundland	2	0.2	39.2
Prince Edward Island	—	—	—
Nova Scotia	6	0.4	24.7
New Brunswick	8	0.7	28.5
Quebec	120	1.0	34.9
Ontario	175	1.3	37.4
Manitoba	6	0.4	19.4
Saskatchewan	—	—	—
Alberta	3	0.2	9.0
British Columbia	21	0.5	23.3
Yukon and Northwest Territories	—	—	—
Canada	**341**	**0.5**	**33.4**

TABLE 3. Principal Statistics of Manufacturing Industries of Canada and Each Province, Classified by Number of Employees per Establishment, 1950

Province and group	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Canada:						
Under 5 employees	15,990	34,719	42,903,705	5,175,278	168,416,735	258,220,438
5 to 14 employees	9,103	75,149	134,404,686	10,856,313	367,053,087	636,884,463
15 " 49 "	6,022	160,397	322,010,362	22,903,526	846,491,463	1,502,619,578
50 " 99 "	1,920	133,374	280,756,999	21,185,389	751,328,645	1,341,313,727
100 " 199 "	1,121	156,489	344,416,303	30,127,125	944,633,345	1,716,028,744
200 " 499 "	709	216,593	525,208,653	72,496,521	1,561,118,654	2,844,115,572
500 " 999 "	217	148,197	383,373,341	60,229,785	1,091,569,441	2,100,171,348
1,000 and over	124	247,107	694,177,889	113,915,927	1,804,485,030	3,414,102,871
Not classifiable	736	—	—	—	3,438,132	4,069,640
Head offices[1]	—	11,272	44,015,497	43,756	—	—
Totals	**35,942**	**1,183,297**	**2,771,267,435**	**336,933,620**	**7,538,534,532**	**13,817,526,381**
Newfoundland:						
Under 5 employees	731	1,072	656,755	67,486	1,149,743	2,499,272
5 to 14 employees	62	516	740,036	89,967	1,486,625	3,014,270
15 " 49 "	35	933	1,749,387	197,760	3,300,728	7,269,138
50 " 99 "	11	753	1,414,685	86,337	2,050,507	4,354,493
100 and over	8	3,405	11,680,609	2,403,300	23,506,628	53,901,615
Not classifiable	3	—	—	—	11,392	24,062
Head offices[1]	—	3	4,780	—	—	—
Totals	**850**	**6,682**	**16,246,252**	**2,844,850**	**31,505,623**	**71,062,850**
Prince Edward Island:						
Under 5 employees	145	287	243,975	43,699	2,168,479	2,857,543
5 to 14 employees	71	587	666,188	93,031	3,533,737	4,929,941
15 " 49 "	23	588	798,650	81,299	4,572,484	5,901,465
50 and over	4	324	633,367	65,535	4,966,900	6,120,632
Not classifiable	1	—	—	—	1,442	1,442
Totals	**244**	**1,786**	**2,342,180**	**283,564**	**15,243,042**	**19,811,023**
Nova Scotia:						
Under 5 employees	746	1,600	1,484,594	145,670	5,674,547	9,003,790
5 to 14 employees	409	3,527	4,791,046	449,179	14,618,878	24,756,319
15 " 49 "	197	5,074	7,843,201	904,582	21,860,497	37,358,684
50 " 99 "	59	4,181	7,356,157	1,045,445	18,611,618	33,361,119
100 " 199 "	19	2,764	5,217,980	571,076	11,481,037	21,731,659
200 " 499 "	12	4,238	9,941,185	2,589,699	47,892,074	73,807,338
500 and over	6	7,023	18,070,712	5,235,426	26,929,886	55,794,106
Not classifiable	34	—	—	—	62,508	74,484
Head offices[1]	—	72	183,186	34,813	—	—
Totals	**1,482**	**28,479**	**54,888,061**	**10,975,890**	**147,131,045**	**255,887,499**

1. Under this heading are included only those head offices which are not located at the plant.

TABLE 3. Principal Statistics of Manufacturing Industries of Canada and Each Province, Classified by Number of Employees per Establishment, 1950 – Concluded

Province and group	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
New Brunswick:						
Under 5 employees	574	1,163	1,156,073	131,385	3,288,687	5,808,804
5 to 14 employees	293	2,426	3,324,434	369,486	10,129,624	17,432,035
15 " 49 "	149	3,741	5,473,458	540,538	22,317,451	33,369,510
50 " 99 "	40	2,652	4,590,251	674,378	15,857,654	26,404,779
100 " 199 "	19	2,492	4,406,876	306,788	12,157,871	23,093,359
200 " 499 "	13	4,437	9,647,806	1,829,751	24,563,337	48,884,572
500 and over	8	6,815	17,206,447	5,630,108	59,711,357	108,701,203
Not classifiable	11	—	—	—	40,243	58,805
Head offices[1]	—	137	580,724	—	—	—
Totals	**1,107**	**23,863**	**46,386,069**	**9,482,434**	**148,066,224**	**263,753,067**
Quebec:						
Under 5 employees	5,243	11,854	14,374,841	1,715,302	72,548,545	103,608,719
5 to 14 employees	2,841	23,343	39,093,043	2,808,216	112,527,876	192,505,606
15 " 49 "	2,073	55,591	102,106,954	5,997,881	251,044,119	452,042,389
50 " 99 "	605	41,528	78,396,564	4,804,777	193,487,349	351,759,214
100 " 199 "	364	50,813	102,306,971	9,564,740	267,983,990	490,939,735
200 " 499 "	210	64,791	147,496,567	26,533,635	436,789,328	828,767,743
500 " 999 "	78	53,726	133,485,057	31,489,230	504,798,699	944,489,315
1,000 and over	42	82,392	210,150,688	35,763,154	385,092,354	776,949,343
Not classifiable	214	—	—	—	1,203,990	1,411,226
Head offices[1]	—	6,125	23,924,015	—	—	—
Totals	**11,670**	**390,163**	**851,334,700**	**118,676,935**	**2,225,476,250**	**4,142,473,290**
Ontario:						
Under 5 employees	4,908	10,711	14,879,950	1,990,943	58,702,664	90,001,260
5 to 14 employees	3,351	27,868	53,747,513	4,267,469	132,509,475	238,138,347
15 " 49 "	2,389	64,487	138,679,075	10,580,081	361,391,134	648,565,760
50 " 99 "	837	58,775	129,221,213	8,995,964	319,848,778	586,573,020
100 " 199 "	534	74,721	172,165,773	13,649,225	419,566,954	789,383,547
200 " 499 "	374	114,180	284,240,897	30,435,689	710,587,771	1,370,260,298
500 " 999 "	109	73,251	194,208,895	20,910,117	393,237,532	826,375,336
1,000 and over	66	138,767	410,983,341	65,161,161	1,201,384,090	2,271,755,933
Not classifiable	241	—	—	—	1,593,097	1,900,480
Head offices[1]	—	3,753	14,872,489	—	—	—
Totals	**12,809**	**566,513**	**1,412,999,146**	**155,990,649**	**3,598,821,495**	**6,822,953,981**
Manitoba:						
Under 5 employees	630	1,408	1,866,901	211,189	5,794,328	9,604,832
5 to 14 employees	379	3,177	5,791,885	514,042	25,253,631	37,769,797
15 " 49 "	252	6,548	12,627,912	807,879	35,868,242	60,705,361
50 " 99 "	104	7,150	15,267,271	1,385,941	50,493,524	84,175,562
100 " 199 "	45	6,321	13,415,745	2,138,804	48,293,603	82,799,702
200 " 499 "	30	8,273	19,069,491	2,567,520	52,555,603	101,550,052
500 and over	6	7,967	20,189,795	844,541	81,959,911	109,119,439
Not classifiable	61	—	—	—	165,865	181,461
Head offices[1]	—	141	472,601	—	—	—
Totals	**1,507**	**40,985**	**88,701,601**	**8,469,916**	**300,384,707**	**485,906,206**
Saskatchewan:						
Under 5 employees	512	932	1,036,365	137,463	2,502,688	4,494,414
5 to 14 employees	219	1,781	3,142,598	404,218	12,515,154	18,957,778
15 " 49 "	88	2,368	4,839,959	570,058	18,001,403	28,252,943
50 " 99 "	26	1,831	4,173,178	594,482	18,219,366	30,132,657
100 " 199 "	11	1,341	3,157,139	559,516	29,446,109	39,569,048
200 " 499 "	7	2,157	6,136,109	1,762,271	83,822,904	96,617,522
Not classifiable	24	—	—	—	49,682	55,593
Head offices[1]	—	186	525,121	—	—	—
Totals	**887**	**10,596**	**23,010,469**	**4,028,008**	**164,557,306**	**218,079,955**
Alberta:						
Under 5 employees	850	1,810	2,234,435	276,460	7,520,233	11,750,215
5 to 14 employees	459	3,591	6,539,080	596,266	23,299,912	36,690,061
15 " 49 "	207	5,440	11,439,225	851,049	30,332,919	54,862,572
50 " 99 "	59	4,128	9,660,699	809,730	44,374,095	67,357,787
100 " 199 "	21	2,977	6,691,760	517,065	37,851,225	52,816,615
200 " 499 "	21	6,225	15,282,968	3,488,254	94,829,166	136,861,405
500 and over	3	2,402	6,009,633	277,282	33,849,218	42,419,276
Not classifiable	51	—	—	—	74,281	82,092
Head offices[1]	—	159	558,524	—	—	—
Totals	**1,671**	**26,732**	**58,416,324**	**6,816,106**	**272,131,049**	**402,840,023**
British Columbia:						
Under 5 employees	1,637	3,848	4,915,846	444,688	8,975,308	18,378,163
5 to 14 employees	1,016	8,315	16,534,403	1,260,173	31,118,225	62,570,749
15 " 49 "	608	15,612	36,421,911	2,368,647	97,780,345	174,177,656
50 " 99 "	175	12,149	30,223,394	2,658,071	87,151,407	155,071,353
100 " 199 "	101	14,126	35,242,090	2,666,396	108,856,745	203,084,546
200 " 499 "	42	12,292	33,393,630	3,289,702	110,078,471	187,366,642
500 " 999 "	17	11,822	32,625,834	2,882,746	75,960,001	156,190,399
1,000 and over	4	8,515	24,405,812	3,653,492	114,021,703	175,897,453
Not classifiable	96	—	—	—	235,632	279,995
Head offices[1]	—	696	2,894,057	8,943	—	—
Totals	**3,696**	**87,375**	**216,656,977**	**19,232,858**	**634,177,837**	**1,133,016,956**
Yukon and Northwest Territories:						
Under 5 employees	14	34	53,970	10,993	91,513	213,426
5 and over	5	89	231,686	121,417	948,441	1,528,105
Totals	**19**	**123**	**285,656**	**132,410**	**1,039,954**	**1,741,531**

1. Under this heading are included only those head offices which are not located at the plant.

Section 2. The Manufactures of the Atlantic Provinces, 1950

The Atlantic Provinces are making important economic strides in such industries as pulp and paper, fish-curing and packing, sawmills and dairy products. In Newfoundland manufacturing production is dominated by forest and fisheries resources. The pulp and paper industry dominated manufacturing production in 1950 followed by sawmilling and these two industries accounted for 71 per cent of the total production of the Province. However as information is not available on the processing of fish products, the position of that industry cannot be evaluated. In an effort to develop its natural wealth Newfoundland has recently established a dozen new enterprises. In Prince Edward Island agricultural and fishing resources made butter and cheese, fish processing and prepared stock and poultry feeds the leading industries. In addition much progress was being made in the canning of many species of fish and fruits. In 1950, business improved generally for Nova Scotia despite major market problems experienced by some of the leading industries. Nova Scotia is renowned for its coal mines and its fisheries as well as extensive forests and agricultural lands and is favoured with easy access by sea to the high-grade iron-ore supply of Newfoundland. On these resources are based the leading manufactures of fish-curing and packing, primary iron and steel, railway rolling-stock, sawmills, pulp and paper, shipbuilding and repairs and butter and cheese. In addition important petroleum refineries and coke and gas plants add to the diversification of manufacturing in the Province. The forests of New Brunswick give a leading place to its pulp and paper and sawmilling industries. The forest industries were in a buoyant state during 1950 with the demand for hardwoods and softwoods strong and the United States market exceptionally good. Other important manufacturing and processing was based on fish and agricultural resources.

TABLE 4. Statistics of the Leading Industries of the Province of Newfoundland, 1950

No.	Industry	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
		No.	No.	$	$	$	$
1	Pulp and paper	3	2,763	10,627,615	20,124,871	25,613,377	48,056,345
2	Sawmills	596	947	569,731	1,150,570	1,220,544	2,430,089
3	Sash, door and planing mills	26	272	475,855	1,278,098	771,793	2,083,208
4	Bread and other bakery products	11	189	326,956	1,188,082	584,240	1,823,437
5	Breweries	3	113	272,822	397,680	1,206,874	1,678,200
6	Aerated waters	11	133	217,506	478,536	703,722	1,213,839
7	Printing and publishing	7	206	557,185	182,647	905,175	1,112,208
8	Other leading industries[1]	7	540	921,173	3,287,687	2,175,655	5,531,747
	Totals, leading industries[2]	**664**	**5,163**	**13,968,843**	**28,088,171**	**33,181,380**	**63,929,073**
	Totals, all industries[2]	**850**	**6,682**	**16,246,252**	**31,505,623**	**36,712,377**	**71,062,850**
	Percentage of leading industries to all industries	78.1	77.3	86.0	89.1	90.4	90.0

1. Includes: Biscuits, miscellaneous foods n.e.s., and tobacco, cigars and cigarettes.
2. Exclusive of fish processing.

TABLE 5. Statistics of the Leading Industries of the Province of Prince Edward Island, 1950

No.	Industry	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
		No.	No.	$	$	$	$
1	Butter and cheese	23	154	257,364	2,796,517	519,185	3,368,058
2	Fish processing	57	467	390,159	2,393,569	776,144	3,220,589
3	Feeds, stock and poultry, prepared	10	54	85,322	1,068,806	154,710	1,238,344
4	Sawmills	83	154	110,280	311,120	308,514	632,758
5	Printing and publishing	4	141	267,596	117,413	393,709	521,123
6	Fruit and vegetable preparations	7	117	115,799	289,068	135,802	435,507
7	Sash, door and planing mills	3	64	85,482	251,423	136,715	392,436
8	Bread and other bakery products	9	70	93,750	198,122	129,210	342,379
9	Aerated waters	6	36	58,896	135,088	173,766	323,229
10	All other leading industries[1]	4	239	495,418	7,101,372	964,713	8,124,240
	Totals, leading industries	**206**	**1,496**	**1,960,066**	**14,662,498**	**3,692,468**	**18,598,663**
	Totals, all industries	**244**	**1,786**	**2,342,180**	**15,243,042**	**4,284,417**	**19,811,023**
	Percentage of leading industries to all industries	84.4	83.8	83.7	96.2	86.2	93.9

1. Includes: Bags, cotton and jute, fertilizers, slaughtering and meat packing.

TABLE 6. Statistics of the Leading Industries of the Province of Nova Scotia, 1950

No.	Industry	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
		No.	No.	$	$	$	$
1	Fish processing	207	3,805	5,397,334	24,715,307	11,177,190	36,357,774
2	Primary iron and steel	5	4,535	12,254,491	19,869,223	12,534,011	36,326,915
3	Sawmills	600	3,111	3,597,102	8,707,102	6,847,085	15,772,588
4	Pulp and paper	4	1,051	3,065,466	4,780,592	8,784,061	14,949,842
5	Butter and cheese	24	593	1,011,894	5,874,980	2,032,646	8,091,468
6	Shipbuilding	21	1,836	4,254,081	2,878,656	4,552,169	7,665,247
7	Sash, door and planing mills	69	1,023	1,719,028	3,878,038	2,748,406	6,740,281
8	Railway rolling stock	3	576	1,303,672	4,725,305	1,312,496	6,226,590
9	Bread and other bakery products	75	770	1,276,041	3,289,466	2,560,980	6,047,821
10	Confectionery	8	1,012	1,398,541	2,795,496	2,739,487	5,602,559
11	Miscellaneous iron and steel products	3	488	1,257,292	2,785,597	2,251,139	5,248,692
12	Printing and publishing	30	723	1,598,893	1,048,413	3,281,002	4,391,199
13	Knitted goods other than hosiery[1]	3	613	981,009	2,288,331	1,745,884	4,086,716
14	Aerated waters	31	323	550,536	1,237,142	2,076,900	3,406,558
15	Fruits and vegetable preparations	23	607	730,424	1,993,440	1,274,140	3,385,375
16	Miscellaneous foods, n.e.s.	10	184	300,975	2,322,339	411,087	2,760,681
17	All other leading industries[2]	8	2,001	5,309,965	37,844,792	16,423,370	56,493,801
	Totals, leading industries	**1,124**	**23,251**	**46,006,744**	**131,034,131**	**82,752,053**	**223,554,107**
	Totals, all industries	**1,482**	**28,479**	**54,888,061**	**147,131,045**	**97,780,564**	**255,887,499**
	Percentage of leading industries to all industries	75.8	81.6	83.8	89.1	84.6	87.4

1. Not comparable with years prior to 1949.
2. Includes: Cotton yean and cloth, wire and wire goods, coke and gas, petroleum products, breweries, machinery, household, office and store.

TABLE 7. Statistics of the Leading Industries of the Province of New Brunswick, 1950

No.	Industry	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
		No.	No.	$	$	$	$
1	Pulp and paper	7	3,564	11,347,564	29,798,346	36,148,281	71,798,801
2	Sawmills	454	3,216	4,380,994	10,511,572	9,069,233	19,774,001
3	Fish processing	165	2,700	2,656,533	10,464,321	5,679,906	16,530,680
4	Slaughtering and meat packing	3	368	888,835	9,271,013	1,784,177	11,128,437
5	Miscellaneous foods n.e.s.	8	246	353,817	6,710,029	1,852,322	8,579,412
6	Sash, door and planing mills	66	1,173	2,069,732	5,196,778	3,128,099	8,428,921
7	Butter and cheese	33	434	704,377	6,103,744	1,368,350	7,628,608
8	Heating and cooking apparatus	3	725	1,591,562	1,781,815	3,619,321	5,505,120
9	Bread and other bakery products	66	747	1,250,572	2,978,562	2,263,173	5,447,570
10	Feeds, stock and poultry, prepared	10	151	284,406	4,383,345	594,281	5,017,166
11	Biscuits	3	528	781,199	1,939,784	2,214,129	4,212,318
12	Fertilizers	3	115	302,552	3,190,450	821,350	4,055,644
13	Printing and publishing	19	592	1,200,752	595,628	2,229,460	2,872,842
14	Confectionery	5	389	593,595	1,208,280	1,148,558	2,398,054
15	Miscellaneous wood products n.e.s.	7	197	313,568	1,714,306	553,326	2,326,988
16	All other leading industries[1]	12	5,683	12,612,096	42,514,270	24,196,195	68,087,667
	Totals, leading industries	**864**	**20,828**	**41,332,154**	**138,362,243**	**96,670,161**	**243,792,229**
	Totals, all industries	**1,107**	**23,863**	**46,386,069**	**148,066,224**	**106,204,409**	**263,753,067**
	Percentage of leading industries to all industries	78.0	87.3	89.1	93.4	91.0	92.4

1. Includes: Breweries, sugar refineries, cotton yarn and cloth, synthetic textiles and silk, railway rolling stock, shipbuilding, brooms, brushes and mops, brass and copper products, gypsum products.

Section 3. The Manufactures of Quebec, 1950

Quebec, producing 30 per cent of Canada's total value of manufactured goods, has had the largest number of new industrial plants with over four thousand opened in the past five years. There are logical reasons for this acceleration of economic life. The geographic situation of the Province is extremely favourable with a harbour 800 miles inland where seagoing vessels of heavy tonnage can dock. There is also an extensive highway system linking the small rural communities to the big cities. Other significant factors include forest resources, water power, minerals, agricultural lands and, of even more importance, an industrious and stable population. At the turn of the century Quebec's rural element represented 60 per cent of the population whereas to-day the urban element accounts for 63 per cent.

Quebec's industries are not as diversified as those of Ontario but a dozen Quebec manufacturing industries have an output approximately half or more of total Canadian production. These include pulp and paper, tobacco, cigars and cigarettes, cotton yarn and cloth, leather boots and shoes, men's factory clothing, women's factory clothing, railway rolling-stock, silk and artificial silk, medical and pharmaceutical preparations, fur goods and corsets. In the case of pulp and paper it is worth noting that 50 years ago this industry had hardly come into existence in the Province and in the mid-1920's the annual gross value of production had not yet reached $100,000,000, whereas by the end of 1950 it was $400,000,000 or 52 per cent of the total production of pulp and paper in Canada. Two of the most important industrial developments in Quebec to-day are the Ungava iron project and the new titanium industry. Quebec produces 65 per cent of all cotton goods made in Canada, 60 per cent of all rayon fabrics and 40 per cent of woollen and knitted goods.

TABLE 8. Statistics of the Leading Industries of the Province of Quebec, 1950

No.	Industry	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
		No.	No.	$	$	$	$
1	Pulp and paper	54	22,900	72,550,996	165,934,196	221,295,842	421,720,396
2	Non-ferrous metal smelting and refining	7	7,139	20,474,071	163,426,318	79,281,367	263,596,900
3	Petroleum products	6	2,290	6,872,475	136,482,045	44,851,630	188,665,936
4	Slaughtering and meatpacking	40	3,836	9,736,877	149,637,925	24,124,541	174,658,538
5	Cotton yarn and cloth	18	17,847	36,493,952	108,744,660	59,499,529	171,168,377
6	Clothing, women's, factory[1]	550	18,533	34,330,460	69,312,719	59,704,676	129,308,699
7	Clothing, men's, factory	341	17,627	31,868,075	70,741,186	56,050,278	127,160,743
8	Tobacco, cigars and cigarettes	37	7,782	18,024,301	58,624,102	54,625,082	113,573,776
9	Synthetic textiles and silk	34	13,027	28,431,782	37,275,202	59,112,770	98,603,297
10	Railway rolling stock	10	13,496	34,236,778	54,253,974	36,613,137	93,001,658
11	Butter and cheese	782	5,519	9,821,178	74,022,791	17,016,083	92,706,797
12	Miscellaneous electrical apparatus and supplies n.e.s.[1]	32	10,525	27,815,361	31,466,131	51,299,427	83,574,246
13	Sawmills	1,965	10,357	14,181,814	43,983,758	28,854,004	73,571,302
14	Footwear, leather	184	12,917	20,472,697	35,292,064	28,969,892	64,588,029
15	Miscellaneous foods, n.e.s.	72	2,012	4,196,513	45,377,019	18,535,757	64,263,121
16	Bread and other bakery products	976	8,976	16,102,126	31,029,224	25,983,546	59,026,761
17	Furniture	377	8,844	17,416,374	24,613,201	28,631,842	53,858,475
18	Machinery, industrial[1]	59	6,136	15,798,105	17,534,731	29,251,189	47,497,168
19	Feeds, stock and poultry, prepared	163	1,290	2,405,560	40,312,080	6,388,732	47,063,887
20	Brass and copper	38	2,782	6,527,846	31,157,644	13,091,047	44,929,715
21	Printing and publishing	81	6,379	16,554,538	12,125,733	31,742,170	44,199,363
22	Breweries	8	2,628	7,225,189	14,079,680	28,303,288	43,108,905
23	Sheet metal products	67	4,620	11,415,731	22,143,759	20,373,892	43,005,671
24	Rubber goods, including footwear	23	6,686	14,958,889	18,400,998	22,408,932	41,545,119
25	Sash, door and planing mills	728	5,918	9,831,755	23,409,505	16,021,663	40,056,106
26	Boxes and bags, paper	50	4,157	7,922,118	23,718,303	15,943,243	39,905,918
27	Acids, alkalies and salts	9	2,651	8,138,143	12,836,364	20,756,912	36,696,684
28	Printing and bookbinding	500	6,420	14,781,969	11,705,708	23,068,829	35,131,395
29	Medicinal and pharmaceutical preparations	92	3,411	8,164,370	10,903,392	22,129,212	33,416,104
30	Confectionery	52	2,835	4,640,616	15,702,309	16,585,278	32,590,498
31	Knitted goods, other than hosiery[1]	66	4,885	7,559,040	17,718,506	14,436,305	32,482,594
32	Primary iron and steel	12	3,482	9,543,763	11,222,417	18,732,959	32,208,247
33	Distilled liquors	8	1,765	4,597,292	10,598,371	20,603,269	31,989,698
34	Aerated waters	173	2,708	5,485,179	11,259,834	20,037,187	31,938,417
35	Refrigerators, vacuum cleaners, and appliances[1]	22	2,467	5,429,745	17,177,708	14,281,076	31,690,483
36	Fur goods	281	3,197	6,959,674	19,783,537	11,584,951	31,464,405
37	Woollen cloth	33	3,070	6,387,261	18,207,036	11,317,514	30,028,840
38	Castings, iron	59	3,762	9,739,299	14,617,180	14,479,951	29,807,947
39	Miscellaneous paper goods	65	2,466	4,844,984	17,409,851	12,146,372	29,778,953
40	Paints, varnishes and lacquers	32	2,613	6,070,908	15,883,188	12,859,001	28,976,558
	Totals, leading industries[2]	**8,106**	**269,955**	**598,007,804**	**1,708,124,349**	**1,310,992,375**	**3,112,559,726**
	Totals, all industries	**11,670**	**390,163**	**851,334,700**	**2,225,476,250**	**1,798,320,105**	**4,142,473,290**
	Percentage of leading industries to all industries	69.5	69.2	70.2	76.8	72.9	75.1

1. Not comparable with years prior to 1949.
2. Sugar refining is also a leading industry. Statistics, however, are confidential.

Section 4. The Manufactures of Ontario, 1950

Despite the great industrial progress made by other provinces, Ontario in 1950 produced over 49 per cent of the nation's manufactured goods. Many more industrial areas are being created as new industries and self-contained factory expansions of existing industries are going to the smaller towns. A vast increase in steel ingot capacity is being made possible by developments at Steep Rock Iron Mines and Ontario will play a role commensurate with its importance on the Great Lakes waterway which links the wide range of natural resources of forests, minerals and water power with one of the most densely populated regions on the continent. At Sarnia, huge investments are going into plant for a whole group of new products based on the oil flowing through the Edmonton-Superior pipe line and being carried across the Great Lakes. Other significant developments are taking place in synthetic rubber and industrial and consumer chemicals. Recent expansions in the electrical industries are not only keyed to defence needs but to the growing population which is expanding in Ontario at the rate of 10,000 a month. In addition to the large automotive plants in Ontario, three United States automobile producers opened new plants in the Province in 1950. Expansion has also taken place in other lines—wood, metal and paper products, textiles, tools, farm implements, building products, food products, leather goods, glass and plastics.

Ontario also has the greatest diversification of manufacturing production of any province. Certain industries, such as the manufacture of motor vehicles, motor vehicle parts, agricultural implements, heavy electrical machinery, starch and glucose, machine tools, bicycles and parts, miscellaneous non-ferrous metal products and carpets, mats and rugs, are carried on practically in this Province alone. Of the forty leading industries in Canada in 1950 a substantial number of them were dominated by Ontario's share of the total production. These industries, with the percentage which the production of each bears to that of the 1950 Canada totals are as follows: motor vehicles 98, motor vehicle parts 98, heavy electrical machinery 96, agricultural implements 94, rubber goods 83, primary iron and steel 76, iron castings 70, miscellaneous paper products 60, sheet metal products 59, brass and copper products 59, printing and bookbinding 58, industrial machinery 57, confectionery 57, boxes and bags, paper 56, furniture 52 and flour mills 48.

In addition Ontario dominated many of the smaller industries in 1950 as follows: machine tools 100 per cent, bicycles and parts 98.5, carpets, mats and rugs 96.2, tobacco processing and packing 94.4, typewriter supplies 91.6, miscellaneous non-ferrous metal products 91.1, soaps, washing compounds and cleaning preparations 89.7, wines 89.1, breakfast foods 89.0, inks 87.8, artificial abrasives 87.1, leather tanning 86.1, batteries 84.6, scientific and professional equipment 84.2, boilers and plate work 81.3, automobile accessories, fabric 81.0, cordage, rope and twine 80.4, wool yarn 78.9, jewellery and silverware 75.9, sporting goods 74.7, toys and games 74.5, refrigerators, vacuum cleaners and appliances 73.2, feed mills 71.3, household, office and store machinery 68.8 and animal oils and fats 63.3.

TABLE 9. Statistics of the Leading Industries of the Province of Ontario, 1950

No.	Industry	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
		No.	No.	$	$	$	$
1	Motor vehicles	12	28,233	91,763,734	381,400,669	280,861,485	664,718,707
2	Pulp and paper	44	16,977	55,131,461	121,452,150	157,596,001	299,446,083
3	Slaughtering and meat packing	62	7,878	21,018,841	248,282,574	42,915,921	292,708,651
4	Non-ferrous metal smelting and refining	8	8,282	25,088,654	136,504,183	113,611,275	264,301,440
5	Primary iron and steel	23	19,618	59,963,169	123,458,423	116,327,277	259,659,679
6	Motor vehicle parts	96	18,999	54,502,049	120,299,599	98,961,818	222,115,982
7	Rubber goods, including footwear	32	15,084	39,215,136	83,347,431	111,523,075	197,476,263
8	Machinery, heavy electrical[1]	33	19,662	54,714,677	70,988,049	107,674,292	180,297,433
9	Agricultural implements	37	14,961	40,630,384	75,322,342	63,081,871	140,280,750
10	Petroleum products	14	4,819	14,818,486	98,918,549	33,143,018	139,299,910
11	Flour mills[1]	66	2,352	5,706,961	101,685,047	16,755,924	119,134,355
12	Butter and cheese	660	7,900	16,814,277	87,538,823	29,007,832	119,107,284
13	Fruit and vegetable preparations	200	8,808	15,527,205	57,855,846	43,449,689	102,805,785
14	Sheet metal products	146	10,048	25,628,802	54,461,794	46,017,696	101,795,682
15	Casting, iron	102	11,679	33,130,554	41,349,109	55,427,814	99,400,473
16	Bread and bakery products	901	14,007	28,022,222	45,761,260	44,190,654	93,129,212
17	Machinery, industrial[1]	169	10,227	27,550,292	31,076,629	59,724,475	91,775,578
18	Furniture	472	14,072	30,797,688	40,542,063	48,166,431	89,697,495
19	Refrigerators, vacuum cleaners and appliances[1]	65	6,927	17,228,427	42,108,016	45,820,532	88,580,865
20	Printing and publishing	295	12,126	32,688,459	26,235,546	61,246,659	88,322,825
21	Miscellaneous electrical apparatus and supplies n.e.s.[1]	96	8,442	21,138,745	41,649,344	41,993,522	84,564,206
22	Boxes and bags, paper	98	7,371	16,940,763	46,498,307	31,699,560	78,801,884
23	Printing and bookbinding	657	11,763	27,703,206	29,474,968	47,976,283	78,052,194
24	Cotton yarn and cloth	29	7,944	16,313,794	43,692,657	30,116,095	74,905,044
25	Brass and copper products	87	5,224	14,248,627	48,074,551	25,257,828	74,302,967
26	Clothing, men's, factory	148	10,737	20,928,837	36,000,319	32,774,683	69,004,151
27	Miscellaneous paper goods[1]	111	5,412	13,143,619	36,978,760	30,960,459	68,551,088
28	Feeds, stock and poultry, prepared	246	2,366	5,029,007	55,845,424	11,839,583	68,523,604
29	Sawmills	1,385	9,040	15,163,263	35,709,238	32,043,511	68,488,612
30	Coke and gas products	15	3,082	8,323,015	38,241,919	22,606,062	65,240,739
31	Hardware, tools and cutlery	203	9,258	22,669,983	20,984,007	43,064,278	65,184,116
32	Miscellaneous chemical products n.e.s.	108	3,834	10,322,929	31,311,326	28,112,655	64,920,344
33	Tobacco processing and packing	10	1,218	2,314,118	57,298,250	4,765,904	62,212,708
34	Miscellaneous foods n.e.s.	122	3,246	6,723,457	42,678,718	17,885,260	60,944,522
35	Breweries	21	2,915	9,377,659	16,342,243	42,901,688	60,043,576
36	Machinery, household, office and store[1]	37	5,090	13,472,917	27,464,765	31,561,653	59,414,983
37	Soaps, washing compounds and cleaning preparations	62	3,095	8,943,156	31,889,362	26,343,866	59,221,384
38	Confectionery	82	5,839	10,539,993	32,247,519	26,325,641	59,196,697
39	Wire and wire goods	67	5,367	14,956,294	20,113,787	34,136,615	55,125,866
40	Paints, varnishes and lacquers	54	2,548	6,753,833	26,993,970	24,283,157	51,637,085
	Totals, leading industries	**7,075**	**366,450**	**954,948,693**	**2,708,077,536**	**2,162,152,042**	**4,982,390,222**
	Totals, all industries	**12,809**	**566,513**	**1,412,999,146**	**3,598,821,495**	**3,068,141,837**	**6,822,953,981**
	Percentage of leading industries to all industries	55.2	64.7	67.6	75.2	70.5	73.0

1. Not comparable with years prior to 1949.

Section 5. The Manufactures of the Prairie Provinces, 1950

The leading industries of the Prairie Provinces are those based on agricultural resources—grain-growing, cattle-raising and dairying areas. Next in importance, generally, are industries providing for the more necessary needs of the resident population, such as the baking of bread, printing and publishing, etc. The extensive railway services require large shops for the maintenance of rolling-stock, especially in the Winnipeg area. The widespread use of motor-vehicles and power machinery on farms has given rise to petroleum refineries in each province. The greatly increased production of crude petroleum in Alberta seems likely to lead to further development of the refining industry. Manitoba, as the early commercial centre of the prairies, has had a greater industrial development than either of the other provinces. Its natural resources of accessible water powers, forests and, more recently, minerals, have given rise to quite a diversification of industrial production. In Saskatchewan, while the main economic role continues to be played by agriculture, both oil and metal wealth are being developed.

Considering the Prairie Provinces as an economic unit, slaughtering and meat packing had the largest gross value of production in 1950, amounting to $221,776,029, followed by petroleum products with $115,140,064, flour mills $97,789,996, butter and cheese $78,799,591 and railway rolling-stock $40,208,465. These five industries accounted for 50 per cent of the total production of the Prairie Provinces. Other leading industries, in order of gross value of production, were: bread and other bakery products, breweries, men's factory clothing, printing and publishing, sawmills, planing mills, prepared stock and poultry feeds, furniture, aerated waters, women's factory clothing, printing and book binding, pulp and paper, miscellaneous foods, sheet metal products, etc.

TABLE 10. Statistics of the Leading Industries of the Province of Manitoba, 1950

No.	Industry	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
		No.	No.	$	$	$	$
1	Slaughtering and meatpacking	14	2,848	8,028,473	87,437,320	15,439,202	103,356,037
2	Railway rolling stock	4	5,727	13,712,128	15,160,908	14,250,986	29,908,993
3	Butter and cheese	80	1,592	3,232,950	17,336,528	6,376,135	24,122,613
4	Flour mills[1]	10	467	924,194	19,297,072	1,800,792	21,226,924
5	Clothing, men's, factory	36	2,563	3,799,455	9,606,690	8,663,377	18,326,417
6	Clothing, women's, factory[1]	34	1,803	3,625,229	6,454,950	5,904,024	12,396,374
7	Bread and other bakery products	122	1,511	3,053,697	5,424,869	5,619,754	11,409,524
8	Pulp and paper[2]	2	515	1,400,194	2,946,054	7,470,438	11,279,314
9	Petroleum products	3	227	554,557	7,565,743	2,732,030	10,572,274
10	Printing and publishing	77	1,678	3,735,426	2,963,050	7,457,713	10,537,570
11	Furniture	82	1,365	2,860,054	5,415,912	4,532,688	10,044,494
12	Miscellaneous foods n.e.s.	22	391	707,401	7,771,639	1,479,253	9,279,747
13	Printing and bookbinding	76	1,476	3,089,164	3,067,969	5,288,965	8,428,432
14	Breweries	6	591	1,619,323	1,889,373	6,316,635	8,359,776
15	Feeds, stock and poultry, prepared	34	232	466,905	6,242,856	1,039,876	7,369,429
16	Primary iron and steel	4	898	2,206,328	2,192,089	4,455,431	7,070,803
17	Boxes and bags, paper	8	563	1,292,495	4,242,933	2,682,560	6,971,361
18	Sheet metal products	18	801	1,898,177	3,744,071	2,907,128	6,737,810
19	Fur goods	61	776	1,710,014	3,841,750	2,660,440	6,523,025
20	Bags, cotton and jute	4	190	424,758	5,585,566	826,864	6,431,502
21	Aerated waters	21	436	905,165	2,198,039	3,415,872	5,755,099
22	Castings, iron	8	725	1,800,270	1,529,620	3,975,099	5,547,692
23	All other leading industries[3]	8	1,166	3,188,051	27,458,987	10,446,598	38,750,667
	Totals, leading industries	**734**	**28,541**	**64,234,408**	**249,373,988**	**125,741,660**	**380,405,877**
	Totals, all industries	**1,507**	**40,985**	**88,701,601**	**300,384,707**	**177,051,583**	**485,906,206**
	Percentage of leading industries to all industries	**48.7**	**69.0**	**72.4**	**83.0**	**71.0**	**78.3**

1. Not comparable with years prior to 1949.
2. Publication of these figures was authorized by the two firms concerned.
3. Includes: Bridgebuilding and structural steel, non-ferrous smelting and refining, malt and malt products and biscuits.

TABLE 11. Statistics of the Leading Industries of the Province of Saskatchewan, 1950

No.	Industry	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
		No.	No.	$	$	$	$
1	Petroleum products	8	693	2,010,113	39,867,481	3,671,714	44,854,805
2	Flour mills [1]	17	674	1,725,682	34,674,096	6,602,173	41,634,048
3	Slaughtering and meat packing	10	1,198	3,131,356	26,509,478	4,989,867	31,765,889
4	Butter and cheese	66	1,358	2,660,871	18,768,568	5,646,772	24,794,552
5	Breweries	5	374	974,090	1,870,685	5,819,656	7,816,884
6	Bread and other bakery products	83	923	1,700,588	3,850,421	3,092,597	7,142,673
7	Printing and publishing	107	1,114	2,452,153	1,366,309	3,933,794	5,387,207
8	Sawmills	274	733	864,884	1,395,405	2,179,226	3,641,075
9	Aerated waters	22	279	527,947	1,226,971	1,465,514	2,842,159
10	Feeds, stock and poultry, prepared	12	101	213,849	1,884,339	270,737	2,182,492
11	Sash, door and planing mills	25	399	798,767	1,425,854	1,287,003	2,754,716
	Totals, leading industries listed above [2]	**629**	**7,846**	**17,060,300**	**132,839,607**	**38,959,053**	**174,816,500**
	Totals, all industries	**887**	**10,596**	**23,010,469**	**164,557,306**	**49,494,641**	**218,079,955**
	Percentage of leading industries listed above to all industries	70.9	74.2	74.1	80.7	78.7	80.2

1. Not comparable with years prior to 1949.
2. Non-ferrous metal smelting and refining is also a leading industry. Statistics, however, are confidential since there are less than three firms reporting.

TABLE 12. Statistics of the Leading Industries of the Province of Alberta, 1950

No.	Industry	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
		No.	No.	$	$	$	$
1	Slaughtering and meat packing	12	2,838	7,494,242	73,724,171	12,516,869	86,654,103
2	Petroleum products	7	905	2,794,239	49,904,232	8,373,468	59,712,985
3	Flour mills [1]	18	772	1,759,940	31,060,527	3,670,499	34,929,024
4	Butter and cheese	105	1,672	3,348,862	23,494,950	6,016,236	29,882,426
5	Sash, door and planing mills	81	1,493	3,135,834	10,136,722	6,335,794	16,638,388
6	Sawmills	567	2,851	4,101,494	7,378,338	8,195,195	16,005,403
7	Breweries	5	589	1,579,382	3,172,938	8,275,881	11,562,484
8	Bread and other bakery products	119	1,409	2,809,793	6,007,564	5,273,792	11,451,417
9	Railway rolling stock	3	1,958	4,747,982	5,367,255	4,747,982	10,299,472
10	Feeds, stock and poultry, prepared	48	280	572,659	6,186,562	1,291,639	7,563,354
11	Printing and publishing	83	1,067	2,493,488	1,640,654	5,367,361	7,067,991
12	Clothing, men's, factory	9	694	1,131,080	2,785,260	3,305,354	6,102,344
13	Miscellaneous wood products n.e.s. [1]	9	268	603,806	3,766,347	1,075,866	4,892,243
14	Aerated waters	20	313	629,182	1,591,075	2,168,044	3,864,207
15	Furniture	45	510	1,072,609	1,938,807	1,734,246	3,705,398
16	Printing and bookbinding	65	673	1,583,016	1,005,073	2,430,892	3,465,622
17	Fruit and vegetable preparations	8	297	461,648	1,541,771	1,624,507	3,221,195
18	Cement products	23	288	804,336	1,662,576	1,451,480	3,168,223
19	Machine shops	43	519	1,293,111	1,076,915	1,982,173	3,123,899
20	Bridge building and structural steel	3	414	1,008,107	1,321,477	1,667,410	3,017,140
21	Machinery, industrial [1]	9	519	1,275,491	1,167,005	1,630,204	2,848,717
22	Sheet metal products	9	262	541,571	1,481,983	1,259,966	2,753,501
23	Biscuits	3	189	344,686	1,068,825	1,134,982	2,213,426
24	Clay products from domestic clay	11	451	986,056	22,471	1,863,091	1,950,309
25	Bags, cotton and jute	3	57	91,223	1,581,847	294,152	1,880,527
26	Agricultural implements	14	294	698,310	777,430	1,061,652	1,874,093
27	Miscellaneous foods, n.e.s.	15	167	281,456	1,118,505	554,247	1,704,272
28	Boxes and baskets, wood	8	226	484,200	706,897	666,782	1,393,781
29	Miscellaneous iron and steel products	8	102	244,567	807,529	480,027	1,295,152
30	Gases, compressed	5	122	320,900	165,162	1,007,030	1,206,968
31	Signs, electric, neon and other	9	126	382,292	295,979	832,695	1,152,346
32	Brass and copper products	3	49	123,874	703,400	309,809	1,021,409
33	All other leading industries [2]	15	1,979	4,585,824	20,274,345	17,110,057	39,484,452
	Totals, leading industries	**1,385**	**24,353**	**53,785,260**	**264,934,592**	**115,709,382**	**387,106,273**
	Totals, all industries	**1,671**	**26,732**	**58,416,324**	**272,131,049**	**123,892,868**	**402,840,023**
	Percentage of leading industries to all industries	82.9	91.1	92.1	97.4	93.4	96.1

1. Not comparable with years prior to 1949
2. Includes: Boxes and bags, paper, cement, condensed milk, fertilizers, gypsum products, glass and glass products, malt and malt products, sugar refining.

Section 6. The Manufactures of British Columbia, 1950

Forest resources have made British Columbia the third most important manufacturing province of Canada. British Columbia is currently succeeding in providing a solid foundation for its industrial development by pushing factories and plants into more remote sections and drawing greater value in employment and dollars from its natural resources without increasing the strain on those resources at too fast a rate. One of the most impressive fields of expansion is to be found in the pulp and paper industry. British Columbia accounts for approximately half of the total fisheries production of Canada and plays a large part in making Canada the largest fish-exporting nation in the world. This Province has been significantly influenced also by recent developments in the petroleum products and meat-packing industries.

Emphasizing the importance of the forests in the industrial life of the Province, the sawmilling industry ranked first with a gross value of production of $293,022,294, and pulp and paper industry second with $86,886,870. Third in importance was fish curing and packing, based principally on the estuarial salmon fisheries. Other important industries are: slaughtering and meat packing, petroleum products, fertilizers, planing mills, veneers and plywoods, miscellaneous food products, fruit and vegetable preparations, butter and cheese, etc. The varied resources of the Pacific Coast have resulted in a wide diversification of its manufactures.

TABLE 13. Statistics of the Leading Industries of the Province of British Columbia, 1950

No.	Industry	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
		No.	No.	$	$	$	$
1	Sawmills	1,462	27,704	67,667,895	141,848,964	148,286,160	293,022,294
2	Pulp and paper	9	4,573	15,123,235	28,846,553	54,234,983	86,886,870
3	Fish processing	68	3,869	9,444,511	39,296,797	27,627,557	67,728,992
4	Slaughtering and meat packing	11	1,385	3,850,602	45,367,014	5,217,270	50,883,632
5	Petroleum products	5	565	1,809,293	26,640,725	11,122,709	38,675,270
6	Sash, door and planing mills	146	2,632	6,196,818	22,229,437	11,485,054	34,070,701
7	Veneers and plywood	11	2,990	7,347,416	13,729,327	16,094,945	30,047,542
8	Miscellaneous foods, n.e.s.	40	702	1,235,115	23,876,445	4,708,696	28,668,471
9	Fertilizers	7	1,309	4,007,401	9,327,707	18,285,489	27,745,806
10	Fruit and vegetable preparations	75	2,313	3,804,835	15,847,422	8,182,799	24,307,003
11	Butter and cheese	33	1,800	4,099,848	14,080,747	6,370,584	21,007,337
12	Bread and other bakery products	243	2,537	5,420,420	9,454,000	8,686,619	18,700,824
13	Printing and publishing	82	2,708	7,385,199	4,349,751	12,438,431	16,920,175
14	Feeds, stock and poultry, prepared	38	650	1,481,360	10,983,041	3,184,036	14,421,867
15	Machinery, industrial[1]	40	1,796	5,200,753	4,237,221	9,568,240	13,973,429
16	Sheet metal products	29	996	2,528,392	8,163,566	5,523,616	13,799,872
17	Furniture	178	2,099	4,408,644	6,670,545	6,695,137	13,502,308
18	Shipbuilding	26	2,444	6,380,490	3,776,765	8,769,392	12,798,980
19	Breweries	11	718	1,955,202	2,829,373	9,199,371	12,227,463
20	Boxes and bags, paper	11	780	1,633,826	6,429,011	3,765,897	10,263,180
	Totals, leading industries listed above[2]	**2,525**	**64,570**	**160,981,255**	**437,984,411**	**379,446,985**	**829,652,016**
	Total, all industries	**3,696**	**87,375**	**216,656,977**	**634,177,837**	**479,606,261**	**1,133,016,956**
	Percentage of leading industries listed above to all industries	68.3	73.9	74.3	69.1	79.1	73.2

1. Not comparable with years prior to 1949.
2. Other leading industries statistics for which cannot be given because there are fewer than three establishments in each industry are: Non-ferrous metal smelting and refining, sugar refining and bridge building and structural steel.

Section 7. Manufacturing Industries in Urban Centres

The prosperity of most of the cities and towns of Canada, especially in the east, is intimately connected with their manufacturing industries, which provide employment for a large proportion of their gainfully occupied population. In the west the cities are more largely distributing centres, though manufactures are rapidly increasing there also.

Table 14, indicating the extent to which the manufacturing industries of Canada are concentrated in urban centres, shows by provinces the proportion of the gross manufacturing production contributed by cities and towns having a gross production of over $1,000,000 each. In each of the more highly industrialized provinces of Ontario and Quebec such cities and towns in 1950 accounted for 94 p.c. of the totals for those provinces, while for the Atlantic Provinces and British Columbia, where sawmilling, fish-packing, and dairying are leading industries, the proportions are 69 p.c. and 60 p.c. respectively. In the Prairie Provinces manufacturing is confined largely to a few urban centres.

TABLE 14. Cities and Towns Each with a Gross Manufacturing Production of Over $1,000,000, Number of Establishments and Total Production in such Urban Centres as a Percentage of the Grand Total, by Provinces, 1950

Note. Statistics published in this table are in some cases higher than the figures published in Table 17, since, in the table below are included statistics of towns with less than three establishments and production of over $1,000,000. It was not possible to publish this information in Table 17 without disclosing the operations of individual establishments.

Province	Urban centres with a gross production of over $1,000,000 each	Establishments reporting in urban centres producing over $1,000,000 each	Total production in urban centres producing over $1,000,000	Total production in each province	Production in urban centres as a percentage of total production in each province
	No.	No.	$	$	p.c.
Newfoundland	2	116	47,459,730	71,062,850	66.8
Prince Edward Island	2	53	12,095,702	19,811,023	61.1
Nova Scotia	23	484	170,656,474	255,887,499	66.7
New Brunswick	15	312	190,276,993	263,753,067	72.1
Quebec	135	7,207	3,886,133,152	4,142,473,290	93.8
Ontario	170	9,411	6,414,786,179	6,822,953,981	94.0
Manitoba	13	1,135	443,786,457	485,906,206	91.3
Saskatchewan	9	380	177,121,553	218,079,955	81.2
Alberta	14	776	306,474,760	402,840,023	76.1
British Columbia	29	2,279	678,461,417	1,133,016,956	59.9
Yukon and Northwest Territories	—	—	—	1,741,531	—
Canada	**412**	**22,153**	**12,327,252,417**	**13,817,526,381**	**89.2**

TABLE 15. Principal Statistics of the Manufacturing Industries of the Six Leading Manufacturing Cities of Canada, 1939-50

City and Year	Establishments	Capital	Employees	Salaries and wages	Cost of materials	Gross value of products[1]
	No.	$	No.	$	$	$
Montreal:						
1939	2,501	423,234,648	105,315	114,602,118	254,188,246	483,246,583
1942	3,007	629,809,985	169,987	240,888,491	541,625,660	976,767,738
1943	2,992	721,223,427	194,643	307,922,631	665,209,935	1,184,114,458
1944	3,109	2	185,708	308,396,358	650,618,563	1,215,988,014
1945	3,404	2	181,679	304,247,761	600,919,272	1,144,175,108
1946	3,785	2	173,507	291,381,617	602,667,823	1,147,945,303
1947	3,950	2	177,744	325,114,158	682,056,090	1,298,019,266
1948	3,887	2	180,098	368,191,470	841,048,938	1,550,246,090
1949	4,136	2	184,779	399,943,526	847,444,669	1,596,713,694
1950	4,127	2	184,982	419,217,987	914,907,200	1,696,677,033
Toronto:						
1939	2,885	447,009,768	98,702	122,553,435	240,532,281	482,532,331
1942	3,211	635,981,329	151,639	228,875,152	451,198,158	886,256,494
1943	3,238	647,907,281	156,459	259,307,913	481,504,056	961,923,997
1944	3,344	2	154,538	260,776,613	513,429,109	1,020,345,353
1945	3,482	2	146,335	244,055,112	496,204,721	961,736,716
1946	3,632	2	145,556	247,298,288	549,256,912	1,036,939,790
1947	3,705	2	151,137	289,363,797	648,648,084	1,231,936,820
1948	3,683	2	154,197	335,142,822	804,970,396	1,475,761,819
1949	4,005	2	158,562	368,510,524	837,148,440	1,579,186,450
1950	4,011	2	160,063	392,754,292	918,699,592	1,686,922,991
Hamilton:						
1939	461	206,584,330	31,512	39,563,423	70,829,034	152,746,340
1942	482	273,212,977	50,744	85,111,817	166,078,144	347,752,196
1943	485	315,896,136	54,671	95,576,332	164,271,139	362,743,019
1944	480	2	53,500	94,982,915	171,117,467	363,033,672
1945	482	2	50,520	89,639,262	166,349,884	351,676,308
1946	501	2	45,951	80,959,432	150,977,835	308,033,098
1947	512	2	50,567	101,424,109	205,430,175	411,817,530
1948	526	2	53,370	124,016,143	259,800,537	519,132,345
1949	546	2	54,665	137,641,333	285,180,403	563,982,920
1950	549	2	54,823	145,093,180	310,380,224	625,480,893

1. Net value is derived from gross value by deducting cost of materials, fuel and electricity. For cost of fuel and electricity in 1950 see Table 17.
2. Information not collected.

TABLE 15. Principal Statistics of the Manufacturing Industries of the Six Leading Manufacturing Cities of Canada, 1939-50 — Concluded

City and Year	Establishments	Capital	Employees	Salaries and wages	Cost of materials	Gross value of products[1]
	No.	$	No.	$	$	$
Windsor:						
1939	222	80,436,233	17,729	25,938,890	63,907,106	122,474,320
1942	233	206,556,146	37,057	76,276,589	240,384,518	383,323,348
1943	229	206,850,571	38,516	85,965,874	247,504,385	417,745,229
1944	231		35,912	80,667,573	232,102,240	387,603,874
1945	241	2	28,826	63,515,050	167,675,110	280,743,622
1946	256	2	30,889	60,315,436	138,788,813	244,925,148
1947	273	2	32,154	74,748,834	204,383,024	367,122,739
1948	271	2	32,729	85,354,165	231,706,777	413,749,890
1949	283	2	34,591	94,304,627	271,392,923	494,162,203
1950	280	2	34,901	105,778,494	311,563,422	564,870,512
Winnipeg:						
1939	648	73,255,368	17,571	20,717,273	44,873,043	81,024,272
1942	692	113,297,399	27,768	38,191,886	88,897,218	156,332,353
1943	688	100,511,565	24,898	35,807,283	106,485,838	174,523,234
1944	686	2	25,870	38,824,299	119,917,745	198,169,626
1945	716	2	26,206	40,115,513	117,453,819	197,523,922
1946	756	2	26,730	42,354,650	121,531,306	206,381,007
1947	779	2	27,651	47,728,392	130,721,062	228,028,346
1948	765	2	27,906	54,379,965	157,379,778	264,022,796
1949	860	2	28,687	58,604,162	143,827,270	255,006,806
1950	855	2	27,804	58,991,267	142,486,939	261,781,262
Vancouver:						
1939	829	92,797,032	17,957	22,382,192	56,565,511	101,267,243
1942	897	136,336,017	37,858	60,779,827	116,153,100	223,295,187
1943	898	193,795,910	45,971	81,059,815	130,442,455	288,196,900
1944	933	2	43,473	79,141,407	142,416,371	289,390,718
1945	992	2	37,599	66,144,015	137,118,244	265,034,773
1946	1,071	2	31,408	55,960,984	138,045,068	270,165,166
1947	1,127	2	33,119	65,363,332	174,822,180	313,964,785
1948	1,136	2	33,815	75,300,519	211,726,521	360,749,092
1949	1,225	2	33,536	78,793,345	204,642,985	358,620,526
1950	1,219	2	34,411	85,542,771	234,053,078	409,347,342

1. Net value is derived from gross value by deducting cost of materials, fuel, and electricity. For cost of fuel and electricity in 1950 see Table 17.
2. Information not collected.

TABLE 16. Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, Grouped According to the Number of Employees per Establishment. 1950

	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
	Montreal Metropolitan Area[1]					
Under 5 employees	1,059	2,616	4,297,009	216,537	12,044,156	22,514,041
5 to 14 employees	1,323	11,331	21,519,171	861,476	48,532,328	92,114,975
15 " 49 "	1,281	34,783	68,571,054	2,441,293	157,130,307	287,879,399
50 " 99 "	376	25,591	51,122,208	2,003,229	123,310,218	223,648,426
100 " 199 "	207	28,303	59,100,723	2,479,867	162,750,530	286,503,062
200 " 499 "	121	37,759	88,631,933	15,730,957	288,729,354	532,485,526
500 and over	59	71,183	185,167,902	13,245,771	431,533,170	787,034,937
Not classifiable	120	—	—	—	839,789	927,671
Head offices[2]	—	5,956	23,145,570	—	—	—
Totals	**4,546**	**217,522**	**501,555,570**	**36,979,130**	**1,224,869,852**	**2,233,108,037**
	Toronto Metropolitan Area					
Under 5 employees	1,068	2,592	4,522,399	276,520	9,121,509	18,220,788
5 to 14 employees	1,353	11,724	24,499,836	994,626	43,414,683	88,601,802
15 " 49 "	1,119	30,043	68,154,871	2,668,396	157,777,023	288,846,968
50 " 99 "	338	23,424	54,546,154	2,621,191	140,191,399	253,480,536
100 " 199 "	178	24,669	59,248,021	3,189,741	139,882,822	262,647,734
200 " 499 "	119	35,345	86,594,703	4,615,288	210,625,963	404,696,697
500 and over	54	56,283	154,464,994	8,141,987	384,308,174	706,119,022
Not classifiable	119	—	—	53,494	1,424,240	2,238,176
Head offices[2]	—	3,143	13,027,891	—	—	—
Totals	**4,348**	**187,223**	**465,058,869**	**22,561,243**	**1,086,745,813**	**2,024,851,723**

1. Totals for Greater Montreal do not include the non-ferrous smelting and refining industry.
2. Under this heading are included only those head offices which are not located at the plant.

TABLE 16. Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, Grouped According to the Number of Employees per Establishment, 1950 — Concluded

	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
	Hamilton Metropolitan Area					
Under 5 employees	172	402	610,387	53,935	1,290,652	2,560,466
5 to 14 employees	172	1,409	2,863,311	295,000	4,882,831	10,370,199
15 " 49 "	135	3,634	8,381,321	609,915	17,405,046	34,092,993
50 " 99 "	46	3,243	7,645,477	571,153	18,411,270	35,284,321
100 " 199 "	39	5,409	11,941,331	682,636	38,704,921	67,496,824
200 " 499 "	42	13,025	33,543,642	3,904,636	73,781,085	148,290,711
500 and over	17	30,209	85,261,812	13,249,434	167,481,108	350,144,971
Not classifiable	15	—	—	—	54,157	55,130
Head offices[1]	—	223	609,167	—	—	—
Totals	**638**	**57,554**	**150,856,448**	**19,366,709**	**322,011,070**	**648,295,615**
	Windsor Metropolitan Area					
Under 5 employees	78	193	316,369	20,317	491,234	1,449,167
5 to 14 employees	81	717	1,506,454	108,501	3,080,590	6,341,237
15 " 49 "	61	1,668	4,067,950	240,900	6,610,835	14,843,079
50 " 99 "	22	1,490	3,836,253	307,319	11,013,199	18,693,557
100 " 199 "	22	2,892	7,746,057	626,142	14,639,726	36,813,591
200 " 499 "	20	6,137	18,181,259	1,689,964	34,579,708	74,838,256
500 and over	9	22,267	71,022,737	2,024,166	243,768,869	416,216,982
Not classifiable	4	—	—	—	12,863	13,328
Totals	**297**	**35,364**	**106,677,079**	**5,017,309**	**314,197,024**	**569,209,197**
	Winnipeg Metropolitan Area					
Under 5 employees	281	669	1,017,860	80,243	2,187,688	4,148,086
5 to 14 employees	267	2,275	4,308,688	298,391	16,842,178	26,054,109
15 " 49 "	221	5,829	11,306,528	599,125	32,636,560	54,488,758
50 " 99 "	94	6,496	14,010,606	1,074,523	44,589,872	74,704,862
100 " 199 "	41	5,741	12,059,863	2,042,773	43,413,217	75,048,787
200 " 499 "	26	7,028	15,689,061	1,014,610	32,457,817	69,547,404
500 and over	6	7,967	20,189,795	844,541	81,959,911	109,119,439
Not classifiable	54	—	—	—	158,992	175,193
Head offices[1]	—	141	472,601	—	—	—
Totals	**990**	**36,146**	**79,053,002**	**5,954,206**	**254,246,235**	**413,286,638**
	Vancouver Metropolitan Area					
Under 5 employees	462	1,170	1,909,334	127,914	3,316,024	6,603,958
5 to 14 employees	453	3,776	7,853,402	417,263	13,857,323	28,041,046
15 " 49 "	346	9,139	21,546,748	1,199,877	60,174,454	103,817,469
50 " 99 "	104	7,282	18,628,044	1,347,166	54,949,947	94,203,557
100 " 199 "	73	10,319	25,534,164	1,524,751	78,881,796	142,669,490
200 " 499 "	30	8,961	24,030,405	2,182,067	94,848,101	153,316,640
500 and over	11	8,786	22,537,338	1,232,254	51,998,097	105,967,801
Not classifiable	69	—	—	104	217,029	329,876
Head offices[1]	—	581	2,537,494	—	—	—
Totals	**1,548**	**50,014**	**124,576,929**	**8,031,396**	**358,242,771**	**634,949,837**

1. Under this heading are included only those head offices which are not located at the plant.

TABLE 17. Statistics of Manufactures of Municipalities, each with a Gross Production of $1,000,000 or Over, and with Three or More Establishments, 1950

Note. Statistics for cities and towns with three or more establishments cannot be published when one establishment has 75 p.c. or two establishments 90 p.c. of the total production.

	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Newfoundland:						
Corner Brook (East & West)	7	1,625	6,376,732	1,350,485	12,802,310	29,683,194
St. John's	109	2,356	4,232,360	375,311	8,877,400	17,776,536
Prince Edward Island:						
Charlottetown	36	607	1,106,411	120,508	6,627,639	8,651,772
Summerside	17	306	403,130	40,566	2,777,466	3,443,930
Nova Scotia:						
Amherst	22	995	1,844,096	253,051	5,468,210	9,317,206
Berwick	10	213	281,929	60,804	1,244,690	1,823,559
Bridgetown	9	170	258,445	23,873	665,109	1,284,535
Bridgewater	20	222	380,282	34,146	714,980	1,501,323
Dartmouth	18	266	497,096	75,746	965,482	2,053,049
Digby	11	260	457,135	19,103	1,112,750	1,860,124
Glace Bay	16	205	285,796	28,688	608,434	1,271,234
Halifax	142	5,600	11,193,377	743,812	22,652,705	42,492,674
Hantsport	5	291	526,250	62,977	981,171	2,351,032
Lockeport	4	260	369,921	30,182	1,323,281	2,054,862
Lunenburg	16	630	1,109,516	71,640	2,836,693	4,672,421
Middleton	10	179	232,467	23,917	839,708	1,378,175
New Glasgow	27	964	1,961,838	299,588	2,428,313	5,963,767
North Sydney	13	327	533,217	47,928	1,169,061	2,198,353
Pictou	9	315	513,939	36,624	1,071,157	1,886,783
Shelburne	17	214	341,587	22,985	845,761	1,588,575
Stellarton	8	130	213,496	20,810	699,066	1,115,443
Sydney	38	5,745	15,380,430	4,882,733	29,554,904	57,615,234
Truro	37	1,153	1,806,048	185,005	4,424,355	7,782,519
Windsor	14	307	445,294	44,758	1,709,200	2,399,062
Yarmouth	26	849	1,465,314	155,422	4,551,631	7,750,098
New Brunswick:						
Campbellton	16	309	482,413	51,244	977,451	1,897,761
Fredericton	43	821	1,383,694	128,270	3,529,153	6,135,187
Moncton	48	3,676	7,703,356	529,652	20,261,043	32,261,331
Newcastle	11	504	1,118,515	289,431	3,620,343	6,659,324
Saint John	107	3,314	6,628,977	1,052,138	44,813,523	62,271,015
St. Stephen	14	592	958,479	68,623	1,928,185	3,775,715
Sussex	11	225	369,198	48,024	1,514,344	2,581,682
Woodstock	16	148	224,571	30,910	833,251	1,227,421
Quebec:						
Acton Vale	13	893	1,422,536	65,561	2,694,808	4,752,928
Asbestos	16	528	1,167,796	207,323	3,553,813	5,453,838
Beauharnois	14	1,574	4,217,805	1,410,567	7,470,435	17,601,315
Beauport	13	162	271,420	17,504	808,650	1,310,601
Bedford	12	889	1,563,204	42,544	766,804	4,293,165
Beebe	11	293	478,730	18,667	1,101,952	1,864,334
Berthierville	15	679	1,077,830	140,515	2,288,716	4,801,040
Cabano	11	218	382,852	5,500	651,435	1,525,646
Cap-de-la-Madeleine	31	2,319	4,554,576	957,705	15,403,601	29,292,414
Chambly-Canton	9	426	906,987	69,174	1,547,850	2,942,631
Chicoutimi	33	453	793,205	60,306	1,722,178	3,069,370
Coaticook	21	1,048	1,786,481	114,421	4,254,572	7,537,226
Contrecoeur	10	288	373,685	10,533	727,078	1,335,224
Danville	12	161	283,285	73,602	617,074	1,100,828
Drummondville	46	8,499	18,140,436	1,714,207	24,144,054	67,308,971
Farnham	21	1,014	2,049,124	161,152	4,606,060	9,034,827
Granby	67	5,002	9,970,514	558,608	24,459,486	46,990,122
Grand'Mère	26	2,332	4,871,906	1,320,846	11,369,277	23,637,808
Grenville	4	108	199,218	25,775	831,246	1,175,347
Hull	66	3,722	8,569,996	1,865,451	26,547,148	44,222,810
Huntingdon	15	675	1,616,621	134,569	6,718,016	10,415,677
Iberville	20	392	689,628	35,297	1,409,284	2,890,703
Joliette	59	2,215	3,878,905	502,529	7,549,049	15,612,342
Jonquière	16	485	1,228,839	275,760	3,256,212	5,558,745
Lachine	54	6,886	19,262,874	1,019,780	24,425,402	61,864,819
Lachute	11	273	580,451	137,855	1,506,426	2,414,429
La Pérade (Ste. Annede)	13	262	413,492	94,750	1,554,096	2,219,323
Laprairie	18	350	716,580	209,160	706,955	2,286,361
La Salle	36	3,567	8,684,090	4,347,689	38,165,746	75,932,699
La Sarre	13	172	301,839	19,765	627,797	1,131,255
Lennoxville	13	412	900,059	155,445	2,031,336	3,816,635
L'Epiphanie	14	255	446,465	27,258	707,840	1,534,534
Lévis	37	590	921,241	66,733	2,465,368	4,062,411
Longueuil	36	2,219	4,702,040	300,248	10,176,781	20,766,670
Loretteville	28	602	639,133	21,394	1,431,886	2,418,091
Marieville	20	502	716,501	48,405	2,377,106	3,942,435
Matane	22	330	609,667	23,449	1,125,728	2,289,545
Mégantic (Lac)	18	497	812,201	69,934	1,244,600	2,586,628
Mont Laurier	19	283	397,165	32,526	1,099,574	2,256,232
Montmagny	47	1,569	2,521,048	143,035	4,860,068	10,526,984
Montreal	4,127	184,982	419,217,987	17,034,094	914,907,200	1,696,677,033

TABLE 17. Statistics of Manufactures of Municipalities, each with a Gross Production of $1,000,000 or Over, and with Three or More Establishments, 1950 — Continued

	Estsb-lish-ments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Quebec — Concluded						
Montréal East	25	4,952	13,575,287	11,463,148	239,798,091	318,203,760
Nicolet	18	451	717,817	53,929	1,692,175	2,957,824
Outremont	25	1,325	3,238,479	117,903	14,218,724	23,940,387
Plessisville	20	850	1,656,651	78,427	2,791,673	5,185,045
Pointe-aux-Trembles	11	464	913,944	60,061	1,023,549	2,593,858
Portneuf Station	12	408	808,788	299,325	3,543,940	5,954,276
Princeville	12	389	647,792	69,966	4,662,362	6,232,161
Québec	434	14,810	27,328,810	3,564,502	72,614,883	134,262,488
Richmond	13	435	898,298	26,709	1,095,123	2,651,780
Rimouski	32	448	912,712	32,787	1,282,625	2,745,039
Rivière du Loup	22	462	861,916	91,007	1,170,502	2,304,159
Rock Island	18	608	1,245,917	56,699	1,103,897	4,157,389
St. Casimir	14	112	137,292	14,498	803,201	1,091,619
St. Césaire	27	355	482,478	34,034	1,175,851	1,951,417
Ste. Croix	9	182	292,673	18,384	576,204	1,021,017
St. Félicien	16	262	388,308	31,291	2,402,571	3,626,229
St. Félix-de-Valois	16	72	84,585	9,088	818,292	1,073,066
St. Gabriel de Brandon	21	271	347,444	13,199	524,462	1,154,606
St. Georges (Beauce)	13	416	709,647	57,613	784,676	2,090,900
St. Georges Ouest	8	266	343,958	34,049	817,215	1,689,418
St. Hyacinthe	86	4,990	8,840,806	547,419	24,317,801	41,492,089
St. Jacques	9	195	191,082	10,632	1,010,481	1,276,300
St. Jean	66	5,073	11,421,507	864,715	18,192,013	39,070,142
St. Jérôme (Terreboune)	54	3,821	6,650,126	506,524	11,033,921	23,416,474
St. Lambert	16	795	1,552,824	113,100	2,930,517	5,910,924
St. Laurent	29	2,957	7,904,447	635,066	14,858,148	29,643,020
Ste. Marie	20	630	1,076,809	93,763	2,427,664	4,105,147
St. Michel de Laval	27	249	434,540	29,741	808,472	1,489,463
St-Pie	14	205	301,365	33,903	1,296,188	1,874,199
St. Rémi	11	326	478,798	51,055	2,685,962	4,228,389
Ste. Thérèse de Blainville	32	920	1,618,670	84,176	2,312,803	5,576,897
St. Tite	24	345	439,308	18,609	1,002,170	1,752,410
Shawinigan Falls	45	4,863	13,279,301	7,216,012	34,200,928	84,011,064
Shawville	10	96	138,674	19,895	861,402	1,138,499
Sherbrooke	100	8,107	16,178,199	1,158,394	34,977,844	70,058,897
Sorel	34	1,661	3,344,319	257,805	1,302,460	5,048,708
Sutton	11	174	237,673	19,897	598,132	1,022,405
Terrebonne	17	583	1,144,179	51,674	1,892,218	4,077,668
Thetford Mines	28	391	663,381	84,888	833,551	2,120,210
Three Rivers	80	6,979	17,121,773	6,204,590	38,886,570	92,901,507
Thurso	10	412	949,303	15,434	1,935,400	3,159,111
Trois Pistoles	17	254	439,204	16,740	2,422,958	3,389,018
Val D'Or	19	200	373,925	32,744	489,322	1,123,488
Valleyfield	42	4,072	8,797,933	684,397	15,871,501	34,481,838
Verchères	15	113	187,296	42,775	1,101,746	1,570,562
Verdun	58	1,260	2,335,995	78,174	5,017,086	9,743,811
Victoriaville	56	2,580	4,525,356	174,809	8,387,775	15,802,243
Warwick	17	407	690,776	71,733	2,122,834	3,721,485
Waterloo	20	890	1,647,969	74,893	2,347,918	5,350,063
Westmount	14	1,940	4,703,100	297,003	5,825,451	14,233,247
Ontario:						
Acton	20	1,019	2,199,956	250,278	7,005,001	11,252,351
Almonte	11	335	676,139	114,214	2,395,878	3,478,975
Amherstburg	11	918	2,489,981	1,641,865	3,846,365	13,201,192
Arnprior	19	607	1,290,123	103,458	2,418,503	5,014,998
Aurora	49	647	1,381,636	80,067	5,189,083	7,826,329
Barrie	25	1,000	1,985,448	157,574	7,587,608	14,630,841
Beamsville	13	150	245,300	13,455	573,551	1,000,383
Belleville	58	2,846	6,750,345	1,509,829	9,198,337	25,090,245
Bloomfield	10	155	206,862	27,377	924,434	1,371,962
Blyth	5	33	60,181	15,582	1,091,090	1,216,755
Brampton	30	1,080	2,349,664	131,644	4,384,296	8,975,399
Brantford	150	13,544	33,291,327	1,792,272	61,750,955	125,828,360
Brockville	42	1,775	3,983,228	332,418	23,539,619	28,153,167
Burlington	16	652	1,527,113	101,336	4,958,654	7,963,627
Caledonia	11	292	668,494	240,531	2,473,243	4,601,378
Campbellford	19	360	685,684	56,713	2,159,367	3,608,578
Carleton Place	10	821	1,632,738	114,847	2,052,600	4,735,248
Chatham	72	3,879	9,722,612	1,131,756	47,782,245	67,981,128
Chesley	13	387	661,604	27,331	1,158,875	2,114,353
Clinton	11	173	299,805	25,886	642,866	1,851,428
Cobourg	30	1,046	2,107,204	195,732	4,199,075	8,826,384
Collingwood	19	1,094	2,348,243	120,023	3,532,441	6,548,571
Cornwall	52	6,811	16,276,165	3,351,038	25,463,530	63,604,729
Deseronto	5	225	334,224	17,876	763,868	1,319,277
Dresden	12	160	256,796	52,062	877,881	1,746,364
Dundas	30	1,307	2,934,056	217,057	2,944,572	8,279,500
Dunnville	20	1,036	1,952,990	104,199	4,990,566	7,809,933
Durham	13	246	482,278	44,469	766,562	1,439,628
Eastview	76	308	721,196	69,188	3,453,687	4,965,586
Elmira	21	773	1,698,492	168,960	4,079,430	8,158,562
Elora	7	357	694,115	35,602	695,316	1,870,253
Essex	14	270	510,586	71,540	1,185,927	2,301,891
Exeter	7	119	191,717	27,020	641,494	1,052,207
Forest	12	217	316,423	37,771	885,326	1,557,311
Fort Erie	18	657	1,963,266	56,205	4,456,951	11,895,926

TABLE 17. Statistics of Manufactures of Municipalities, each with a Gross Production of $1,000,000 or Over, and with Three or More Establishments, 1950 — Continued

	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Ontario — Continued						
Fort William	50	3,046	8,349,667	2,345,238	21,158,440	45,208,699
Galt	91	6,069	13,481,983	739,072	21,582,811	45,248,268
Gananoque	18	770	1,729,573	156,149	3,004,703	6,058,043
Georgetown	18	1,053	2,610,673	180,930	5,374,042	10,220,103
Goderich	17	537	1,020,767	261,658	6,512,100	8,956,917
Gravenhurst	8	321	629,953	25,483	946,212	2,211,821
Grimsby	17	532	922,263	61,952	1,779,870	3,931,429
Guelph	106	6,081	13,725,354	990,011	26,405,766	51,890,283
Hamilton	549	54,823	145,093,180	18,862,120	310,380,224	625,480,893
Hanover	22	1,061	2,029,284	93,961	2,969,806	5,993,979
Harriston	13	213	320,534	47,732	1,054,423	1,648,086
Harrow	11	99	183,132	29,422	923,053	1,392,746
Hearst	8	244	531,411	22,169	1,397,203	2,498,475
Hespeler	20	2,038	4,328,423	457,880	6,140,347	12,717,334
Huntsville	16	460	906,267	66,759	3,818,634	5,694,786
Ingersoll	27	1,310	3,082,051	231,603	8,653,757	14,807,860
Kincardine	13	470	787,017	49,022	1,329,382	2,819,850
Kingston	70	5,168	12,175,346	1,219,496	24,626,062	53,571,292
Kitchener	195	14,934	34,411,968	1,779,518	86,462,387	159,409,436
Leamington	17	1,158	2,434,600	288,489	17,800,328	27,787,572
Leaside	50	8,918	23,483,393	1,070,518	51,267,977	101,285,161
Lindsay	35	952	1,778,582	162,741	3,489,663	7,324,315
Listowel	14	483	922,692	79,678	2,088,031	3,771,229
London	275	15,781	37,263,956	2,045,147	77,886,843	158,623,745
Long Branch	34	1,241	3,220,686	138,309	6,537,297	14,491,214
Meaford	18	418	726,039	44,397	1,210,326	2,520,963
Merritton	16	1,903	5,504,561	900,635	11,693,194	23,179,749
Midland	21	810	1,559,819	87,377	5,229,407	8,087,625
Milton	13	638	1,412,189	324,334	2,399,840	6,521,523
Milverton	10	269	510,836	26,686	889,037	1,709,463
Mimico	31	618	1,478,241	146,479	2,006,959	4,955,039
Morrisburg	8	192	260,591	8,516	468,552	1,032,600
Mount Forest	15	245	366,820	31,574	891,482	1,526,312
Napanee	17	406	804,952	109,016	2,135,101	3,744,109
Newcastle	3	222	413,175	10,791	481,210	1,008,945
New Hamburg	12	344	611,496	36,634	1,094,399	2,242,782
New Liskeard	14	605	1,101,808	44,059	2,032,680	3,857,318
Newmarket	19	1,028	2,332,557	122,870	4,958,653	9,775,939
New Toronto	37	6,589	19,091,187	1,689,155	67,335,666	124,431,476
Niagara Falls	81	6,106	16,427,750	4,940,914	31,992,398	77,563,043
North Bay	31	567	1,382,641	113,137	2,164,015	4,711,695
Norwick	8	102	154,091	28,512	760,299	1,176,982
Oakville	43	1,449	3,353,136	242,568	5,898,011	13,754,273
Orangeville	14	201	326,712	31,598	912,934	1,409,921
Orillia	47	1,920	4,006,951	304,901	5,723,429	12,885,586
Ottawa	268	9,800	22,539,621	1,760,733	37,037,004	80,885,740
Owen Sound	52	2,484	5,144,040	277,899	6,076,629	15,283,611
Palmerston	8	67	105,784	15,493	984,482	1,152,146
Paris	24	1,498	3,260,067	137,569	5,347,911	11,647,894
Pembroke	32	1,004	1,934,564	93,620	3,453,338	7,119,224
Penetanguishene	13	419	738,364	39,438	1,072,582	2,370,375
Perth	25	943	1,651,377	102,183	3,394,384	6,974,134
Peterborough	98	9,724	24,536,725	1,201,826	63,570,163	111,445,960
Petrolia	13	464	969,183	481,562	7,105,925	8,414,535
Picton	18	161	259,245	24,611	711,690	1,154,225
Port Arthur	54	2,447	6,691,968	1,664,157	14,405,150	32,691,155
Port Dalhousie	5	254	476,029	19,391	580,565	1,630,558
Port Dover	9	113	176,571	13,739	631,013	1,080,408
Port Elgin	9	211	349,537	16,988	573,952	1,052,422
Port Hope	24	1,119	2,988,503	329,928	4,003,963	10,604,036
Prescott	17	638	955,679	34,762	1,666,147	3,435,580
Preston	39	2,934	6,322,790	248,497	9,394,527	20,419,487
Renfrew	28	939	1,818,542	162,717	3,480,042	6,271,251
Ridgetown	12	284	590,192	27,680	718,208	2,062,191
St. Catharines	111	10,415	29,678,884	1,521,944	48,063,051	105,506,667
St. Marys	13	658	1,412,869	920,264	5,301,342	10,036,059
St. Thomas	44	2,343	5,107,355	295,949	9,453,429	17,886,335
Sarnia	49	7,512	21,243,294	11,096,453	99,740,557	169,803,424
Sault Ste. Marie	54	7,343	20,958,735	9,127,896	58,222,466	109,521,309
Seaforth	13	285	493,256	30,932	1,530,562	2,376,018
Simcoe	30	1,344	2,820,001	200,715	13,148,121	20,809,311
Sioux Lookout	7	101	196,159	19,485	962,838	1,273,662
Southampton	8	324	704,349	18,420	1,059,734	2,025,462
Stratford	67	3,657	8,123,585	398,058	14,414,822	27,423,128
Strathroy	19	491	848,525	44,686	1,926,800	3,255,574
Streetsville	13	313	682,518	134,642	3,178,372	5,048,035
Sudbury	43	907	1,942,765	170,998	4,821,860	8,670,485
Swansea	9	718	1,818,379	233,638	3,449,911	7,787,923
Tavistock	9	170	266,457	23,735	1,525,167	1,962,294
Tecumseh	5	268	407,919	31,733	864,382	1,830,273
Thorald	26	2,167	7,335,385	3,016,567	16,706,643	36,034,685
Tillsonburg	26	794	1,526,823	184,373	8,841,333	11,520,338
Timmins	26	631	1,222,046	69,610	2,050,382	4,537,285
Toronto	4,011	160,063	392,754,292	18,176,609	918,699,592	1,686,922,991
Trenton	25	1,338	2,755,197	409,380	6,830,831	13,103,667
Tweed	10	153	262,788	20,624	804,891	1,506,588
Walkerton	17	476	892,276	41,823	1,175,730	2,465,735
Wallaceburg	25	2,927	6,915,844	1,242,257	14,588,893	27,627,679
Waterford	7	146	212,508	13,974	909,766	1,152,040

TABLE 17. Statistics of Manufactures of Municipalities, each with a Gross Production of $1,000,000 or Over, and with Three or More Establishments, 1950 — Concluded

	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Ontario — Concluded						
Waterloo	55	2,572	6,049,438	384,084	11,564,359	30,987,250
Watford	8	129	238,338	21,635	509,639	1,050,980
Welland	58	8,016	23,657,258	4,233,203	45,414,292	97,308,179
Wellington	8	133	216,608	47,649	1,067,148	1,658,831
West Lorne	7	215	374,626	20,812	904,560	1,591,440
Weston	46	2,716	6,761,800	426,849	13,341,357	27,654,437
Whitby	13	396	629,127	42,449	1,099,922	2,266,772
Winchester	8	67	112,753	34,658	1,035,351	1,452,731
Windsor	280	34,901	105,778,494	4,967,956	311,563,422	564,870,512
Wingham	16	400	740,778	50,969	1,607,595	2,806,573
Woodstock	65	3,797	8,364,742	407,726	21,437,483	39,404,569
Manitoba:						
Brandon	41	754	1,584,729	190,148	9,347,825	13,192,304
Dauphin	13	105	175,983	21,180	670,465	1,139,251
Morden	8	87	192,549	53,008	432,753	1,044,666
Neepawa	8	102	212,162	68,574	599,178	1,080,390
Portage la Prairie	20	250	382,327	33,070	1,014,200	1,769,648
St. Boniface	85	4,097	10,423,514	927,000	92,795,176	114,751,219
Selkirk	60	899	2,081,041	425,897	2,600,074	7,305,924
Steinbach	14	197	379,766	39,487	1,119,051	1,835,229
The Pas	10	145	354,538	9,681	360,589	1,490,461
Transcona	5	2,493	6,033,700	398,520	12,259,489	20,108,553
Winnipeg	855	27,804	58,991,267	3,086,710	142,486,939	261,781,262
Saskatchewan:						
Kamsack	9	53	77,013	7,757	786,143	1,157,177
Melville	8	58	94,371	19,733	984,723	1,214,523
Moose Jaw	46	1,308	3,218,924	629,608	33,460,038	41,058,063
North Battleford	12	155	261,710	36,369	820,521	1,401,070
Prince Albert	32	923	2,026,822	182,232	10,805,666	15,728,534
Regina	132	2,977	7,086,129	1,293,238	40,169,207	54,806,567
Saskatoon	113	2,715	6,045,521	738,815	42,269,071	57,158,053
Swift Current	11	194	422,708	80,747	1,537,151	2,363,082
Yorkton	17	162	314,178	71,006	1,459,262	2,234,484
Alberta:						
Athabaska	21	138	215,610	23,871	1,027,030	1,475,876
Barrhead	11	90	162,206	14,521	1,062,174	1,360,201
Calgary	284	7,910	18,509,347	1,677,951	89,077,718	122,767,543
Edmonton	292	8,638	20,300,073	938,774	82,052,889	119,447,681
Grande Prairie	20	266	481,258	61,232	1,668,451	3,091,019
Lethbridge	43	974	2,112,306	146,604	6,378,250	12,171,678
Medicine Hat	34	1,056	2,151,707	134,946	16,511,391	20,935,831
Red Deer	17	144	296,625	38,743	1,742,604	2,803,288
Rocky Mountain House	26	150	229,743	22,877	1,189,586	1,729,440
Wetaskiwin	8	53	115,658	12,804	1,010,181	1,210,256
British Columbia:						
Armstrong	12	136	288,990	30,632	663,342	1,402,354
Burns Lake	15	144	304,157	24,384	1,775,956	2,441,137
Chilliwack	28	243	499,323	60,437	1,409,966	2,329,587
Cranbrook	22	404	938,280	83,842	1,964,079	3,904,861
Creston	13	126	222,732	16,945	661,735	1,113,335
Dawson Creek	20	271	483,327	73,336	1,487,124	2,314,899
Duncan	29	197	435,391	31,370	847,126	1,613,447
Fernie	8	91	211,489	24,230	387,736	1,314,136
Kamloops	31	427	915,416	80,887	1,406,047	3,243,501
Kelowna	35	697	1,535,471	97,806	3,152,879	6,054,184
Lake Cowichan	4	450	1,349,343	78,586	1,996,723	4,947,016
Merritt	8	152	369,822	23,752	590,896	1,337,910
Mission City	25	513	993,611	72,794	2,863,993	5,035,855
Nanaimo	27	519	1,287,498	88,823	2,884,379	5,054,645
Nelson	37	571	1,261,087	102,486	2,721,450	6,008,570
New Westminster	114	6,313	16,161,699	925,872	50,491,993	92,790,444
North Vancouver	56	1,901	4,671,945	253,542	7,837,576	16,735,857
Olivier	8	121	269,022	16,681	510,179	1,007,146
Penticton	25	288	546,944	33,578	1,031,263	2,272,718
Port Alberni	23	2,010	5,586,580	223,493	12,017,592	27,139,017
Port Moody	6	636	1,819,736	11,629	3,534,205	8,388,265
Prince George	148	1,262	2,657,520	225,389	8,814,192	14,140,665
Prince Rupert	25	562	1,351,094	59,787	3,852,108	6,939,732
Quesnel	73	387	679,506	75,690	1,889,734	3,261,512
Revelstoke	15	131	248,404	31,538	526,759	1,108,804
Vancouver	1,219	34,411	85,542,771	4,894,707	234,053,078	409,347,342
Vernon	43	434	780,699	68,497	1,663,413	3,136,521
Victoria	201	4,223	10,373,639	798,177	21,209,973	42,931,688
Williams Lake	9	109	190,641	20,372	581,094	1,146,269

TABLE 18. Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1950

	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Newfoundland:						
Division No. 1	184	2,620	4,518,389	399,768	9,446,783	18,786,674
Division No. 2	24	58	48,111	5,122	80,199	164,332
Division No. 3	33	73	45,571	2,763	96,796	185,155
Division No. 4	55	65	31,480	4,452	66,730	145,247
Division No. 5	42	1,689	6,431,714	1,360,454	12,920,052	29,923,405
Division No. 6	44	1,361	4,628,384	1,005,272	7,971,058	19,807,101
Division No. 7	216	362	251,770	40,120	385,721	929,317
Division No. 8	179	361	251,293	21,404	440,348	930,445
Division No. 9	68	88	37,770	5,160	94,110	183,332
Division No. 10	5	5	1,770	330	3,826	7,842
Totals	**850**	**6,682**	**16,246,252**	**2,844,850**	**31,505,623**	**71,062,850**
Prince Edward Island:						
Kings	69	415	385,654	55,155	1,783,721	2,527,182
Prince	86	575	646,824	74,272	5,034,554	6,367,982
Queens	89	796	1,309,702	154,137	8,374,767	10,915,859
Totals	**244**	**1,786**	**2,342,180**	**283,564**	**15,243,042**	**19,811,023**
Nova Scotia:						
Annapolis	48	470	631,718	60,693	1,928,472	3,331,247
Antigonish	20	161	204,815	21,695	655,593	1,076,581
Cape Breton	106	6,416	16,336,807	4,973,306	31,790,468	61,914,683
Colchester	108	1,753	2,567,918	254,233	6,935,925	11,783,244
Cumberland	93	1,728	2,920,832	451,070	8,447,473	14,898,513
Digby	105	913	1,124,546	88,409	2,856,748	4,776,705
Guysborough	47	386	445,215	51,415	1,537,102	2,372,638
Halifax	248	7,185	14,615,634	2,209,355	49,639,264	77.157,354
Hants	65	1,016	1,518,256	279,715	4,024,208	7,228,691
Inverness	59	275	228,577	18,291	802,622	1,266,405
Kings	84	813	1,092,825	160,668	4,110,623	6,230,583
Lunenburg	155	1,625	2,394,231	168,596	5,383,756	9,626,477
Pictou	109	2,502	4,909,146	738,929	11,965,198	20,655,393
Queens	29	1,123	2,939,395	1,223,736	4,699,266	14,488,011
Richmond	23	46	39,687	2,608	158,748	271,339
Shelburne	80	747	973,795	77,520	4,785,919	7,335,111
Victoria	23	73	71,192	5,731	209,760	345,455
Yarmouth	80	1,247	1,873,472	189,920	7,199,895	11,129,069
Totals	**1,482**	**28,479**	**54,888,061**	**10,975,890**	**147,131,045**	**255,887,499**
New Brunswick:						
Albert	22	221	345,759	105,118	1,427,057	3,332,831
Carleton	58	624	823,165	82,517	2,580,957	4,064,668
Charlotte	71	3,093	4,937,176	420,550	11,695,411	21,271,899
Gloucester	117	1,875	3,632,902	1,223,732	9,313,346	20,538,542
Kent	57	421	363,158	40,779	1,977,880	2,867,139
Kings	58	415	602,239	70,017	2,425,789	4,025,565
Madawaska	55	1,087	2,921,745	1,231,631	7,971,482	16,446,739
Northumberland	73	1,347	2,290,558	376,755	6,185,462	11,656,572
Queens	41	323	540,955	152,665	1,012,208	2,235,747
Restigouche	66	2,018	5,524,398	3,073,681	15,431,753	36,616,440
St. John	141	4,957	10,280,714	1,679,400	54,469,753	81,493,406
Sunbury	13	47	52,513	5,052	155,033	307,173
Victoria	41	437	688,841	26,605	1,363,844	2,699,347
Westmorland	188	5,212	10,277,452	735,250	25,093,632	42,713,580
York	106	1,786	3,104,494	258,682	6,962,617	13,483,419
Totals	**1,107**	**23,863**	**46,386,069**	**9,482,434**	**148,066,224**	**263,753,067**
Quebec:						
Abitibi	207	1,487	2,457,908	198,183	6,989,203	11,472,468
Argenteuil	74	2,818	5,596,073	495,590	12,655,795	25,554,196
Arthabaska	144	3,687	6,272,505	349,091	17,036,813	28,326,739
Bagot	74	1,286	1,967,934	156,587	6,762,750	9,880,259
Beauce	182	2,465	3,548,724	290,860	8,591,354	15,147,636
Beauharnois	70	5,756	13,279,453	2,125,518	24,006,795	53,837,186
Bellechasse	85	353	402,672	39,518	2,422,773	3,116,979
Berthier	113	1,366	1,944,061	211,593	4,585,971	8,793,436
Bonaventure	99	531	610,857	36,828	1,919,245	2,926,675
Brome	40	307	396,504	41,704	1,285,460	1,982,766
Chambly	97	3,762	7,658,006	511,913	15,464,604	31,329,869
Champlain	220	7,189	14,257,783	3,280,918	41,977,843	82,651,077
Charlevoix East	42	534	1,356,826	837,336	2,878,469	6,942,490
Charlevoix West	35	113	111,492	8,114	390,560	604,369
Chateauguay	37	459	785,913	68,880	3,260,035	4,993,244
Chicoutimi	176	8,968	25,128,527	20,682,899	69,335,624	188,966,511
Compton	80	1,360	2,872,866	826,453	7,656,953	14,820,314
Deux Montagnes	52	250	334,058	52,725	1,517,122	2,167,406
Dorchester	109	696	1,003,450	120,252	4,403,448	6,225,669
Drummond	109	8,842	18,661,289	1,825,853	26,285,846	70,350,619
Frontenac	103	910	1,255,327	107,815	3,471,618	5,616,716
Gaspé East	112	1,006	1,829,921	417,704	4,823,762	8,679,015
Gaspé West	33	306	459,429	31,267	1,205,037	2,174,424
Gatineau	79	327	450,169	37,787	1,580,655	2,730,132
Hull	80	6,287	16,038,444	6,034,521	43,417,312	88,346,156
Huntington	32	721	1,681,161	146,083	6,922,502	10,739,435
Iberville	34	473	803,917	71,903	2,544,326	4,263,451
Jésus Island	45	639	963,886	58,759	1,856,573	3,905,465
Joliette	133	2,798	5,071,418	877,187	12,269,348	22,943,132
Kamouraska	93	577	702,392	41,852	2,198,619	3,624,308

TABLE 18. Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1950 — Continued

	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Quebec — concluded:						
Labelle	95	716	940,941	86,345	3,107,040	5,360,856
Lac St. Jean East	84	1,415	3,952,824	2,753,577	12,973,434	31,264,995
Lac St. Jean West	161	1,359	2,713,791	1,143,146	9,737,869	20,205,491
Laprairie	33	952	2,203,745	798,946	3,739,281	9,160,399
L'Assomption	70	1,079	1,933,435	139,699	5,970,308	9,521,901
Lévis	92	2,033	3,297,264	304,398	6,021,008	11,216,742
L'Islet	98	744	1,168,975	93,717	2,453,608	5,107,230
Lothiniere	102	631	856,172	150,417	4,135,560	5,878,045
Madeleine Islands	24	406	236,997	27,580	1,387,276	1,857,026
Maskinongé	71	1,672	2,816,984	297,301	6,182,754	14,212,114
Matane	83	772	1,309,618	57,469	2,782,403	5,578,281
Matapédia	73	505	714,716	41,923	2,489,157	3,848,155
Mégantic	109	1,676	2,841,160	205,329	5,458,951	10,007,004
Missisquoi	80	3,527	6,863,201	579,610	13,394,653	29,328,609
Montcalm	63	363	392,589	33,742	1,994,160	2,636,407
Montmagny	93	1,763	2,752,595	169,730	5,818,954	11,978,607
Montmorency No. 1	48	818	1,947,767	1,328,869	3,937,513	12,676,113
Montmorency No. 2 (Isle L'Orléans)	16	65	102,008	9,104	214,754	348,639
Montreal Island	4,461	214,722	496,423,020	37,232,636	1,282,245,571	2,282,708,229
Napierville	30	468	671,141	80,438	3,689,597	5,531,458
Nicolet	123	1,005	1,331,734	134,204	6,121,130	8,536,931
Papineau	94	1,866	4,603,273	1,092,527	10,031,642	22,703,571
Pontiac	50	380	556,828	45,685	2,239,583	3,364,377
Portneuf	161	2,598	5,680,199	2,548,915	15,716,967	33,576,602
Québec	584	18,679	33,888,128	4,037,278	97,860,376	172,563,592
Richelieu	76	3,126	6,630,351	403,422	5,835,406	13,712,920
Richmond	78	2,534	5,800,213	1,223,534	14,298,517	28,737,974
Rimouski	146	1,010	1,666,212	115,794	4,079,816	7,118,395
Rivière-du-Loup	116	1,050	1,755,599	149,914	5,369,451	8,211,760
Rouville	88	1,387	1,970,280	360,918	7,221,830	12,488,104
Saguenay	62	1,006	3,135,722	485,525	12,250,397	24,461,406
Shefford	136	6,358	12,530,821	699,298	29,988,889	58,742,829
Sherbrooke	123	8,545	17,107,881	1,317,648	37,161,804	74,110,132
Soulanges	23	55	71,266	15,869	552,522	680,901
Stanstead	110	4,882	9,590,646	1,131,552	46,257,052	64,821,953
St. Hyacinthe	148	5,387	9,303,084	604,787	26,981,265	45,053,048
St. Jean	87	5,245	11,661,849	897,271	19,128,087	40,726,018
St. Maurice	183	12,028	30,601,709	13,446,331	74,202,853	178,368,277
Témiscamingue	94	2,296	6,150,492	2,961,633	58,296,550	76,984,294
Témiscouata	87	693	1,037,398	56,727	3,305,357	5,385,082
Terrebonne	195	5,970	10,689,116	851,405	19,078,888	39,817,578
Vaudreuil	42	273	342,274	33,999	985,635	1,619,232
Verchères	59	1,041	2,089,624	292,094	7,522,989	13,733,439
Wolfe	74	560	795,965	183,151	1,944,844	3,289,627
Yamaska	56	230	302,128	67,785	1,594,134	2,126,805
Totals	**11,670**	**390,163**	**851,334,700**	**118,676,935**	**2,225,476,250**	**4,142,473,290**
Ontario:						
Algoma	127	8,029	22,202,349	9,181,936	61,530,410	115,077,103
Brant	193	15,198	36,815,448	1,978,026	69,025,182	140,084,853
Bruce	155	2,392	4,177,350	273,719	9,269,748	15,895,073
Carleton	358	10,553	23,994,530	1,967,173	42,475,956	89,701,566
Cochrane	125	4,443	12,705,501	3,451,601	25,814,964	69,690,866
Dufferin	32	245	385,405	47,987	1,512,642	2,137,400
Dundas	50	700	1,304,851	168,568	7,747,460	11,896,587
Durham	76	2,487	6,126,076	561,418	10,039,155	23,760,302
Elgin	98	3,101	6,493,004	525,032	29,603,910	41,812,818
Essex	395	38,562	113,546,873	7,184,548	347,454,925	625,976,730
Frontenac	117	5,305	12,348,990	1,280,589	26,420,196	55,749,539
Glengarry	71	341	404,682	73,654	2,561,162	3,316,864
Grenville	56	1,435	2,600,772	612,295	10,712,891	17,039,623
Grey	196	4,635	8,992,015	544,612	13,955,589	29,417,305
Haldimand	59	1,578	3,136,773	496,266	10,244,000	18,111,262
Haliburton	33	430	655,285	34,121	1,269,153	2,687,244
Halton	130	5,023	11,481,219	1,129,706	26,470,751	51,118,989
Hastings	232	6,628	13,897,507	2,517,411	26,147,241	59,739,890
Huron	141	1,831	3,192,538	529,038	14,313,383	21,387,996
Kenora	87	1,900	5,012,301	793,104	24,597,450	39,335,846
Kent	183	8,315	19,752,500	2,710,107	69,688,087	108,545,371
Lambton	129	8,488	23,032,673	11,689,844	109,929,079	183,028,005
Lanark	127	3,222	6,171,275	527,311	12,244,178	23,763,223
Leeds	130	2,761	5,952,865	538,838	28,499,790	36,699,726
Lennox	68	842	1,589,030	385,884	5,324,269	9,102,626
Lincoln	208	14,400	39,184,840	2,683,475	68,771,387	146,252,437
Manitoulin	29	94	115,209	13,940	458,058	688,494
Middlesex	375	17,186	40,045,388	2,307,605	87,019,056	173,195,948
Muskoka	81	1,148	2,041,436	130,904	5,581,421	9,611,995
Nipissing	92	1,875	3,930,972	446,078	7,029,104	15,820,565
Norfolk	89	2,028	3,963,311	307,864	31,229,357	41,522,519
Northumberland	129	1,852	3,485,262	313,035	9,844,816	17,518,276
Ontario	159	13,193	39,853,066	1,827,133	149,796,929	314,377,911
Oxford	207	6,819	14,804,872	1,456,466	46,868,475	78,618,512
Parry Sound	104	1,108	2,081,685	262,456	5,227,900	11,098,633
Peel	114	7,685	20,484,361	3,620,773	40,873,753	82,127,546
Perth	167	5,403	11,499,841	1,574,701	28,150,946	49,860,572
Peterborough	149	9,929	24,843,690	1,256,271	64,895,876	113,670,482
Prescott	102	879	2,004,184	850,999	7,373,276	12,315,144
Prince Edward	75	742	987,387	147,111	4,449,153	6,657,268
Rainy River	55	962	2,999,629	788,051	6,735,395	16,420,543

TABLE 18. Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions 1950 — Concluded

	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Ontario (concluded):						
Renfrew	209	3,711	6,974,078	1,430,387	13,982,309	27,448,664
Russell	63	196	240,657	55,025	1,914,071	2,337,730
Simcoe	229	5,710	11,289,055	787,262	25,819,285	48,450,412
Stormont	91	7,141	17,014,501	3,596,281	30,124,288	70,246,725
Sudbury	145	8,816	25,484,229	12,577,740	81,218,526	205,863,821
Thunder Bay	244	7,418	20,677,470	6,582,086	55,438,011	121,432,630
Timiskaming	124	1,581	2,888,505	194,571	5,332,526	10,116,360
Victoria	87	1,279	2,232,121	209,748	4,936,206	9,625,025
Waterloo	508	30,264	67,877,194	3,991,439	147,456,160	288,253,124
Welland	285	21,933	62,252,309	15,754,654	221,042,908	386,907,415
Wellington	217	8,093	18,151,555	1,338,884	37,204,915	71,233,240
Wentworth	625	56,838	149,187,284	19,253,378	316,971,600	640,080,965
York	4,479	189,786	470,433,243	23,029,544	1,106,224,217	2,056,124,218
Totals	**12,809**	**566,513**	**1,412,999,146**	**155,990,649**	**3,598,821,495**	**6,822,953,981**
Manitoba:						
Division No. 1	49	303	491,212	62,475	1,734,439	2,734,436
Division No. 2	43	330	517,914	102,254	2,225,543	3,622,528
Division No. 3	27	93	131,972	24,290	974,582	1,257,868
Division No. 4	12	37	59,433	9,491	203,035	293,768
Division No. 5	48	3,096	7,519,769	1,220,032	15,873,540	31,952,190
Division No. 6	981	32,717	71,084,925	5,351,525	240,299,172	388,270,186
Division No. 7	61	811	1,670,104	208,278	9,912,359	13,948,638
Division No. 8	15	81	142,147	18,840	1,071,420	1,459,770
Division No. 9	38	2,125	4,487,293	723,643	5,734,724	14,522,936
Division No. 10	24	154	268,715	76,202	1,090,725	1,733,121
Division No. 11	18	73	116,077	21,075	818,625	1,130,942
Division No. 12	31	111	158,797	21,345	1,076,467	1,375,762
Division No. 13	34	164	236,216	29,043	931,763	1,593,383
Division No. 14	43	151	199,215	22,539	1,180,687	1,635,519
Division No. 15	27	64	83,704	13,813	576,367	740,062
Division No. 16	56	675	1,534,108	565,071	16,631,259	19,635,097
Totals	**1,507**	**40,985**	**88,701,601**	**8,469,916**	**300,384,707**	**485,906,206**
Saskatchewan:						
Division No. 1	20	116	224,568	38,991	756,944	1,327,558
Division No. 2	14	85	148,676	25,254	663,756	984,246
Division No. 3	8	35	37,189	2,925	31,225	91,086
Division No. 4	12	62	101,959	13,845	342,474	497,825
Division No. 5	30	138	196,341	38,258	1,894,297	2,357,884
Division No. 6	147	3,008	7,123,575	1,298,295	40,290,221	54,989,200
Division No. 7	52	1,319	3,230,984	630,498	33,465,027	41,081,337
Division No. 8	18	214	447,693	82,995	1,546,280	2,413,976
Division No. 9	63	323	513,181	104,825	3,144,405	4,584,941
Division No. 10	12	58	82,376	11,191	822,057	1,002,800
Division No. 11	129	2,761	6,100,199	747,835	42,546,441	57,546,218
Division No. 12	11	44	72,292	14,339	324,693	451,774
Division No. 13	17	79	144,678	34,338	403,428	904,126
Division No. 14	158	560	778,694	66,849	2,023,308	4,177,244
Division No. 15	76	1,033	2,181,044	225,429	11,649,031	16,910,879
Division No. 16	57	271	392,608	55,838	1,678,542	2,561,817
Division Nos. 17 and 18	63	490	1,234,212	636,303	22,975,177	26,197,044
Totals	**887**	**10,596**	**23,010,469**	**4,028,008**	**164,557,306**	**218,079,955**
Alberta:						
Division No. 1	44	1,335	2,565,138	242,545	20,069,640	27,577,340
Division No. 2	95	1,602	3,318,842	348,904	10,507,392	19,871,451
Division No. 3	13	633	1,414,219	118,559	2,025,915	5,237,747
Division No. 4	26	436	820,748	115,525	5,826,712	8,815,681
Division No. 5	8	29	39,467	7,388	238,026	315,672
Division No. 6	383	9,159	21,580,091	3,487,434	95,123,671	141,509,263
Division No. 7	25	99	169,600	26,088	1,478,361	1,759,874
Division No. 8	85	496	909,186	111,356	6,286,961	8,559,593
Division No. 9	117	655	978,957	94,841	4,055,669	6,247,302
Division No. 10	44	243	538,807	164,308	3,435,619	5,528,196
Division No. 11	366	9,279	21,791,653	1,617,828	109,461,846	153,598,919
Division No. 12	164	801	1,132,000	119,661	2,576,392	5,354,895
Division No. 13	42	127	180,421	19,202	1,119,775	1,787,131
Division No. 14	100	573	910,209	87,618	4,378,558	6,268,113
Division No. 15	64	557	913,813	101,337	2,447,073	4,434,044
Division No. 16	86	638	1,044,237	124,368	3,008,944	5,729,543
Division No. 17	9	70	108,936	28,644	90,495	245,259
Totals	**1,671**	**26,732**	**58,416,324**	**6,816,106**	**272,131,049**	**402,840,023**
British Columbia:						
Division No. 1	102	1,200	2,629,741	346,132	5,942,950	12,306,451
Division No. 2	160	6,715	18,536,586	2,723,057	105,791,477	141,577,553
Division No. 3	282	3,042	5,905,842	476,800	12,686,895	25,776,049
Division No. 4	1,772	53,244	131,398,055	8,762,987	381,804,827	673,319,597
Division No. 5	479	12,636	33,150,419	3,294,344	65,762,212	139,847,627
Division No. 6	162	1,547	3,256,517	307,391	6,697,855	14,554,222
Division No. 7	32	3,058	9,797,325	2,300,915	19,747,890	60,280,491
Division No. 8	561	3,811	7,382,454	635,981	20,452,427	36,846,504
Division No. 9	57	1,554	3,674,097	257,521	13,087,779	24,357,682
Division No. 10	89	568	925,941	127,730	2,203,525	4,150,780
Totals	**3,696**	**87,375**	**216,656,977**	**19,232,858**	**634,177,837**	**1,133,016,956**

APPENDIX I

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1950

Montreal Metropolitan Area

Industry	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Foods and Beverages:						
Aerated waters	27	1,297	3,013,219	243,187	5,819,201	19,955,091
Biscuits	8	1,906	3,253,813	239,858	11,074,039	21,488,121
Bread and other bakery products	135	4,871	9,835,307	989,879	17,648,806	34,856,592
Breweries	6	2,430	6,818,144	656,624	13,207,490	40,893,189
Butter and cheese	11	2,029	4,759,560	465,928	14,407,895	23,125,406
Confectionery	40	2,680	4,461,154	276,631	15,145,742	31,760,159
Distilled liquors	4	1,369	3,724,961	417,753	8,643,849	26,128,526
Flour mills	3	569	1,624,914	117,025	23,865,291	26,784,420
Fruit and vegetable preparations	38	1,029	1,735,514	164,455	7,077,460	11,027,453
Macaroni and kindred products	4	328	720,861	65,025	2,449,159	4,437,608
Malt and malt products	4	122	354,199	124,261	3,531,116	4,548,287
Miscellaneous food preparations	59	1,856	4,014,312	321,471	44,688,131	63,219,080
Other dairy products	6	183	371,381	50,211	1,317,018	2,432,246
Prepared stock and poultry feed	12	457	1,007,205	78,148	19,775,132	23,504,353
Processed cheese	4	410	1,067,321	36,398	9,727,905	15,097,843
Sausages and sausage casings	19	215	429,844	47,659	2,268,892	3,079,424
Slaughtering and meatpacking	24	2,733	7,207,876	631,103	108,238,019	124,874,426
All other industries[1]	7	1,266	3,432,598	931,417	43,434,874	53,637,880
Totals	**411**	**25,750**	**57,832,183**	**5,857,033**	**352,320,019**	**530,850,104**
Tobacco and Tobacco Products:						
Totals	**24**	**5,721**	**13,868,462**	**208,847**	**43,898,775**	**85,123,207**
Rubber Products:						
Totals	**10**	**2,723**	**7,516,337**	**287,965**	**7,842,887**	**17,217,952**
Leather Products:						
Belting	5	80	167,570	12,784	500,888	822,693
Boot and shoe findings	11	100	206,414	9,925	290,006	687,173
Footwear	77	6,997	12,220,657	170,571	19,360,340	36,203,453
Gloves and mittens	18	544	732,373	12,428	1,561,448	2,664,790
Miscellaneous leather products	91	2,210	3,599,912	52,514	4,779,388	10,136,901
Tanneries	4	59	97,023	6,704	127,651	273,558
Totals	**206**	**9,990**	**17,023,949**	**264,926**	**26,619,721**	**50,838,568**
Textile Products (Except Clothing):						
Awnings, tents and sails	16	284	495,039	12,153	975,910	1,703,504
Bags, cotton and jute	10	528	974,264	33,727	10,187,808	12,073,786
Cotton yarn and cloth	4	4,232	9,461,118	531,970	15,640,082	28,833,012
Dyeing and finishing of textiles	21	854	1,978,627	230,223	968,958	4,353,559
Embroideries, hemstitching, etc.	89	1,213	2,116,586	19,693	1,581,010	5,180,665
Miscellaneous cotton goods	5	163	359,177	41,141	1,204,832	2,109,804
Miscellaneous textiles	69	1,842	3,381,412	133,844	10,688,367	17,774,937
Miscellaneous woollen goods	3	72	133,877	20,927	524,012	805,649
Narrow fabrics	16	419	762,335	27,001	1,130,655	2,604,613
Oilcloth, linoleum and other coated fabrics	7	1,602	4,511,050	315,167	11,219,792	19,644,967
Synthetic textiles and silk[1,2]	3	1,081	3,804,968	5,906	359,874	774,226
Woollen cloth	6	99	333,829	1,909	504,984	783,978
All other industries[2]	7	911	1,721,086	78,863	4,802,416	10,307,241
Totals	**256**	**13,300**	**30,033,368**	**1,452,524**	**59,788,700**	**106,949,801**
Clothing, (Textile and Fur):						
Clothing, Children's	86	3,761	5,752,943	58,811	11,406,887	20,844,928
Clothing contractors, men's	85	1,770	3,217,358	36,084	399,146	4,208,696
Clothing contractors, women's	50	898	1,500,486	14,133	57,958	1,934,122
Clothing, men's factory	282	11,824	23,562,171	224,385	53,103,623	96,487,700
Clothing, women's factory	531	17,841	33,538,892	271,822	67,122,205	125,648,320
Corsets and allied garments	10	554	828,575	7,146	1,108,709	2,855,128
Fur dressing and dyeing	8	863	1,889,712	88,676	701,190	3,690,003
Fur goods	237	2,692	6,172,207	76,008	18,508,259	29,050,658
Hats and caps	63	2,213	4,299,389	83,521	5,158,850	12,191 488
Hosiery	17	1,011	1,846,403	50,195	1,870,399	5,070,318
Knitted goods	44	1,865	3,148,801	78,304	6,334,632	11,084,701
Miscellaneous clothing[3]	32	792	1,276,551	14,888	2,476,587	4,814,283
Oiled and waterproofed clothing	9	308	595,664	5,149	1,571,634	3,096,283
Totals	**1,454**	**46,392**	**87,629,652**	**1,009,122**	**169,820,079**	**320,977,728**
Wood Products:						
Boxes and baskets, wood	7	418	808,376	28,392	1,001,303	2,272,946
Cooperage	4	49	97,008	8,227	317,314	468,166
Furniture	188	4,661	9,771,452	300,319	15,156,257	31,959,926
Lasts, trees and shoe findings	6	238	540,133	18,693	318,671	1,061,563
Miscellaneous wood products	43	278	551,665	28,240	1,133,025	2,130,269
Sash, door and planing mills	62	949	2,051,281	128,110	5,446,757	8,857,628
Woodturning	3	20	40,566	1,526	52,510	92,264
All other industries[4]	11	602	1,622,202	69,767	1,671,824	4,177,001
Totals	**324**	**7,265**	**15,482,683**	**583,274**	**25,097,661**	**51,019,763**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1950 — Continued

Montreal Metropolitan Area — Continued

Industry	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Paper Products:						
Boxes and bags, paper	31	2,855	5,743,242	175,001	14,757,534	25,389,907
Miscellaneous paper goods	41	1,013	1,925,883	56,820	4,690,159	8,537,084
All other industries[5]	8	2,435	7,725,927	476,267	8,727,263	20,388,305
Totals	**80**	**6,303**	**15,395,052**	**708,088**	**28,174,956**	**54,315,296**
Printing, Publishing and Allied Industries:						
Engraving, electrotyping and stereotyping	29	798	2,524,298	51,339	983,799	4,881,019
Lithographing	9	761	2,147,104	36,235	2,913,288	6,775,506
Printing and bookbinding	312	5,007	12,306,797	253,395	9,601,953	29,134,132
Printing and publishing	27	4,426	12,729,472	218,188	9,420,770	34,447,139
Publishing (only) of periodicals	249	1,785	3,537,057	—	7,482,059	16,943,969
Trade composition	10	235	680,657	12,014	103,640	1,190,039
Totals	**636**	**13,012**	**33,925,385**	**571,671**	**30,505,509**	**93,371,804**
Iron and Steel Products:						
Boilers and plate work	10	978	2,835,069	141,737	3,022,353	7,995,488
Bridge building and structural steel	8	2,425	7,659,046	315,845	12,047,730	24,897,388
Hardware, tools and cutlery	44	2,129	4,705,323	220,454	5,050,229	16,177,454
Heating and cooking apparatus	8	867	2,379,264	104,224	4,802,872	9,302,596
Iron castings	11	2,060	5,799,944	398,702	8,806,066	19,190,463
Machine shops	60	1,048	2,470,676	93,316	1,172,090	4,976,602
Machinery, household, office and store	12	563	1,333,864	43,346	1,371,955	3,298,757
Machinery, industrial	34	4,091	11,044,453	461,710	11,778,824	30,861,948
Miscellaneous iron and steel products	49	677	1,437,607	52,390	1,142,846	3,392,307
Primary iron and steel	5	2,406	6,411,479	1,255,294	7,249,437	20,283,322
Sheet metal products	55	4,496	11,191,026	476,687	21,753,840	42,181,879
Wire and wire goods	25	1,819	4,592,542	360,495	4,673,342	19,009,653
Totals	**321**	**23,559**	**61,860,293**	**3,924,200**	**82,871,584**	**201,567,857**
Transportation Equipment:						
Bicycles and parts	3	28	43,605	3,097	67,808	113,402
Boatbuilding	5	16	22,379	668	11,920	37,151
Carriage, wagons and sleighs	4	55	107,747	5,679	96,988	253,290
Motor vehicle parts	14	218	448,114	25,818	341,826	1,030,434
Railway rolling stock	9	13,300	33,759,345	2,072,422	54,069,453	92,277,579
Shipbuilding	6	2,079	5,746,024	258,555	6,276,659	14,132,288
All other industries[6]	7	5,233	15,404,583	469,010	14,251,149	33,703,193
Totals	**48**	**20,929**	**55,531,797**	**2,835,249**	**75,115,803**	**141,547,337**
Non-ferrous Metal Products:						
Aluminum products	13	720	2,461,951	27,482	946,542	2,344,676
Brass and copper products	30	2,521	5,982,170	625,290	30,543,307	43,291,500
Jewellery and silverware	66	1,487	2,870,946	26,600	3,779,531	8,881,283
Miscellaneous non-ferrous metal products	4	51	111,927	3,433	95,221	306,881
White metal alloys	12	311	863,714	71,993	7,268,762	9,975,885
Totals[13]	**125**	**5,090**	**12,290,708**	**754,798**	**42,633,363**	**64,800,225**
Electrical Apparatus and Supplies:						
Heavy electrical machinery	11	886	1,941,183	35,348	2,031,512	5,219,289
Miscellaneous electrical apparatus and supplies[7]	30	9,907	26,548,761	734,147	27,336,488	73,851,343
Radio and radio parts	11	2,323	6,517,230	151,739	9,474,051	19,654,014
Refrigerators, vacuum cleaners and appliances	18	1,946	4,340,107	145,151	11,348,762	23,556,988
Totals	**70**	**15,062**	**39,347,281**	**1,066,385**	**50,190,813**	**122,281,634**
Non-metallic Mineral Products:						
Cement products	34	811	1,935,763	367,690	3,947,122	8,164,503
Glass and glass products	21	456	804,962	57,079	983,210	2,211,297
Glass, cut, plate and ornamental	3	1,802	4,194,616	1,402,568	4,825,851	13,376,855
Miscellaneous non-metallic mineral products	13	169	402,581	76,200	1,106,503	2,277,121
Stone products	14	283	639,066	76,017	530,216	1,919,180
All other industries[8]	10	1,492	3,880,857	3,236,479	5,387,451	20,039,253
Totals	**95**	**5,013**	**11,857,845**	**5,216,033**	**16,780,353**	**47,988,209**
Products of Petroleum and Coal[9]:						
Totals	**7**	**3,052**	**9,104,474**	**10,689,226**	**143,569,053**	**204,305,215**
Chemicals and Allied Products:						
Acids, alkalies and salts	3	342	1,308,596	41,416	3,497,626	4,451,057
Adhesives	9	200	461,528	46,105	1,796,373	3,039,740
Cleaning preparations	10	86	203,702	16,335	516,776	1,204,380
Gases, compressed	7	234	653,064	66,168	335,306	2,338,974
Inks, writing and printing	8	115	242,055	14,060	482,509	1,078,082
Medicinal and pharmaceutical preparations	71	3,033	7,334,617	264,858	9,354,012	28,462,832
Miscellaneous chemical products	40	628	1,775,925	162,248	5,671,634	10,330,378
Paints, varnishes and lacquers	27	2,539	5,938,568	224,061	15,475,072	28,009,438
Polishes and dressings	12	225	450,125	29,399	1,736,562	2,769,969
Soaps	11	198	421,554	33,572	830,114	1,723,879
Toilet preparations	29	719	1,341,094	33,064	2,831,774	7,255,075
Washing compounds	9	155	387,139	27,796	751,250	1,676,440
All other industries[10]	9	1,057	3,220,067	217,068	13,227,894	17,345,322
Totals	**245**	**9,531**	**23,738,034**	**1,176,150**	**56,506,902**	**109,685,560**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1950 — Continued

Montreal Metropolitan Area — Concluded

Industry	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Miscellaneous Manufacturing Industries:						
Artificial flowers and feathers	20	427	585,646	4,803	662,863	1,629,547
Brooms, brushes and mops	23	396	579,094	21,744	1,095,073	2,029,703
Buttons, buckles and fasteners	22	531	893,084	24,166	1,374,860	3,084,387
Candles	6	75	124,694	8,679	288,700	649,963
Fountain pens and pencils	5	242	404,027	8,198	790,777	1,794,917
Hair goods	9	57	109,978	2,135	496,464	659,615
Ice, artificial	7	71	180,315	98,650	38,739	655,033
Lamps, electric and lamp shades	16	353	607,574	15,505	1,090,038	2,159,942
Other miscellaneous industries	5	96	156,983	11,009	109,295	341,024
Patterns and models	5	72	200,741	5,757	81,931	378,038
Pipes, lighters and smokers' supplies	5	122	244,148	9,212	183,567	716,094
Plastic products	19	356	696,751	40,544	2,347,339	4,398,485
Scientific and professional equipment	18	354	873,352	18,317	1,652,180	3,557,021
Signs, electric, neon and other	9	253	593,107	13,617	237,049	1,030,128
Sporting goods	8	247	390,257	11,319	518,367	1,119,123
Stamps and stencils, rubber and metal	9	87	193,566	4,710	63,110	354,910
Statuary, art goods and novelties	33	316	505,437	11,216	416,003	1,207,806
Toys and games	10	431	980,223	42,266	1,038,770	2,238,679
All other industries[11]	5	344	799,090	21,792	648,549	2,263,362
Totals	**234**	**4,830**	**9,118,067**	**373,639**	**13,133,674**	**30,267,777**
Grand Totals, Metropolitan Montreal[13]	**4,546**	**217,522**	**501,555,570**	**36,979,130**	**1,224,869,852**	**2,233,108,037**

1. Includes: Breakfast foods, 2; feed mills, 2; sugar refining, 2; wines, 1.
2. Includes: Automobile accessories, fabric, 1; carpets, mats and rugs, 1; cotton thread, 3; woollen yarn, 2.
3. Also, gloves and mittens, fabric, 2.
4. Includes: Coffins and caskets, 2; excelsior, 1; hardwood flooring, 2; plywoods and veneers, 1; sawmills, 2; woodenware 2; wood preservation, 1.
5. Includes: Pulp and paper, 3; roofing paper, 4; wallpaper, 1.
6. Includes: Aircraft parts, 5; motor vehicles, 2.
7. Also, batteries, 2.
8. Includes: Abrasive products, 1; asbestos products, 2; brick and tile, 1; cement Portland, 1; clay products from imported clay, 2; gypsum products, 1; lime, 1; sand-lime brick, 1.
9. Includes: Coke and gas products, 2; lubricating oils and greases, 1; petroleum refining and products, 4.
10. Includes: Coal tar distillation, 2; miscellaneous chemical products, 1; fertilizers, 2; primary plastics, 2; vegetable oil, 2.
11. Includes: Musical instruments, 2; typewriter supplies, 1; umbrellas, 2.
12. Includes Head Offices of establishments located outside Metropolitan Montreal.
13. Exclusive of non-ferrous smelting and refining industry.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1950 — Continued

Toronto Metropolitan Area

Industry	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Foods and Beverages:						
Aerated waters	22	998	2,299,925	209,569	4,387,251	13,521,880
Animal oils and fats	4	105	294,328	68,568	746,089	1,198,101
Biscuits	6	1,447	2,682,332	183,350	5,940,760	14,829,217
Bread and other bakery products	202	5,600	12,169,110	1,038,449	19,200,140	39,546,368
Breweries	4	975	3,666,643	197,833	5,732,089	24,140,148
Butter and cheese	7	1,889	4,776,359	415,567	11,319,132	20,098,711
Distilled liquors	3	329	901,797	161,250	4,691,065	8,935,287
Feed mills	6	14	17,196	5,424	159,487	224,957
Fruit and vegetable preparations	30	1,241	2,931,842	199,117	13,021,215	23,310,766
Macaroni and kindred products	3	71	156,431	16,101	641,924	924,964
Miscellaneous food preparations	68	2,159	4,885,643	234,566	34,407,453	47,583,072
Other dairy products	3	41	76,148	9,499	247,685	423,595
Confectionery	45	4,442	8,072,019	465,963	24,880,322	42,691,813
Processed cheese	4	82	150,299	11,146	1,754,147	2,159,014
Prepared stock and poultry feed	12	551	1,439,185	115,430	13,619,189	17,278,939
Sausages and sausage casings	15	156	324,375	29,808	2,750,595	3,338,452
Slaughtering and meatpacking	21	4,824	13,674,469	931,041	169,006,003	198,402,489
Wines	5	112	398,616	11,541	603,607	1,567,744
All other industries[1]	8	548	1,520,968	311,775	17,342,149	20,754,770
Totals	**468**	**25,584**	**60,437,685**	**4,615,997**	**330,450,302**	**480,930,287**
Tobacco and Tobacco Products:						
Totals	**4**	**66**	**108,548**	**4,632**	**174,739**	**448,830**
Rubber Products:						
Totals	**10**	**6,075**	**16,600,565**	**1,168,148**	**35,505,038**	**82,077,130**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1950 — Continued

Toronto Metropolitan Area — Continued

Industry	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Leather Products:						
Belting	5	57	116,405	2,344	340,112	532,141
Footwear	31	1,483	2,801,904	26,864	4,228,501	7,937,881
Gloves and mittens	6	44	76,169	3,027	87,344	188,468
Miscellaneous leather products[2]	71	1,532	2,822,279	42,223	3,961,993	7,977,428
Tanneries	4	605	1,580,587	154,571	6,355,967	8,957,496
Totals	**117**	**3,721**	**7,397,344**	**229,029**	**14,973,917**	**25,593,414**
Textile Products (Except Clothing):						
Automobile accessories, fabric	3	26	49,988	2,032	95,967	165,686
Awnings, tents and sails	21	341	535,217	21,749	1,398,008	2,223,335
Bags, cotton and jute	4	124	238,116	9,827	2,492,023	2,921,154
Carpets, mats and rugs	5	512	1,195,377	95,610	2,567,255	5,869,343
Dyeing and finishing of textiles	9	269	613,514	38,467	245,189	1,571,226
Embroideries, pleating, hemstitching, etc.	32	357	706,959	10,199	710,519	1,931,632
Miscellaneous textiles	36	962	1,917,871	47,713	5,896,474	8,915,640
Miscellaneous woollen goods	18	494	1,509,898	76,904	12,487,840	15,502,085
Narrow fabrics	12	201	364,113	9,905	710,051	1,305,758
Oilcloth, linoleum and other coated fabrics	3	513	1,519,653	90,080	3,929,919	7,675,787
Woollen cloth	7	697	1,652,003	74,859	5,011,047	7,177,729
Woollen yarn	6	838	1,715,908	103,199	6,002,549	9,009,425
All other industries[3]	7	452	953,303	34,410	2,911,614	4,223,479
Totals	**163**	**5,786**	**12,971,920**	**614,954**	**44,458,455**	**68,492,279**
Clothing (Textile and Fur):						
Clothing, children's	38	749	1,267,103	16,487	1,845,159	3,904,279
Clothing contractors, men's	16	187	389,124	4,172	66,535	512,151
Clothing contractors, women's	12	89	137,508	3,427	14,966	190,696
Clothing, men's factory	104	6,906	14,631,981	124,077	24,083,870	46,497,523
Clothing, women's factory	275	7,038	15,421,134	128,542	22,921,664	44,956,346
Corsets and allied garments	16	903	1,476,346	13,372	2,256,096	4,634,614
Fur dressing and dyeing	5	291	622,374	32,120	270,563	1,179,437
Fur goods	188	1,706	4,676,844	50,800	12,690,135	19,830,785
Hats and caps	58	1,167	2,285,977	44,117	2,782,334	6,296,489
Hosiery	13	904	2,186,449	38,068	2,528,457	5,610,717
Knitted goods	43	2,358	4,476,120	116,019	10,103,277	17,151,639
Miscellaneous clothing[4]	23	432	819,464	8,670	1,365,938	2,701,080
Oiled and waterproofed clothing	4	149	307,655	2,671	539,593	1,046,764
Totals	**795**	**22,879**	**48,698,079**	**582,542**	**81,468,587**	**154,512,520**
Wood Products:						
Boxes and baskets, wood	11	430	902,056	17,965	1,382,099	3,154,920
Furniture	215	4,040	9,221,793	244,128	16,915,666	32,761,929
Hardwood flooring	3	259	725,268	27,886	1,226,488	2,486,273
Miscellaneous wood products	56	581	1,114,220	31,844	1,567,026	3,360,242
Sash, door and planing mills	46	1,035	2,360,146	96,418	5,694,048	9,541,179
Sawmills	5	55	116,284	4,443	170,907	322,236
Woodenware	3	9	18,050	476	33,409	63,105
Woodturning	7	29	55,032	2,544	50,073	138,866
All other industries[5]	6	216	491,334	18,984	636,178	1,346,438
Totals	**352**	**6,654**	**15,004,183**	**444,688**	**27,675,894**	**53,175,188**
Paper Products:						
Boxes and bags, paper	47	4,005	9,723,876	297,880	24,956,312	43,209,293
Miscellaneous paper goods[6]	67	3,190	7,637,701	355,167	15,622,085	31,427,823
Pulp and paper mills	7	1,180	4,958,494	1,192,605	7,939,869	15,651,346
Totals	**121**	**8,375**	**22,320,071**	**1,845,652**	**48,518,266**	**90,288,462**
Printing, Publishing and Allied Industries:						
Engraving, electrotyping and stereotyping	42	1,942	6,727,363	110,184	2,387,585	11,674,101
Lithographing	29	1,604	4,423,783	73,991	5,536,337	14,323,038
Printing and bookbinding	354	8,112	19,598,155	391,965	21,269,743	56,038,916
Printing and publishing	40	6,430	19,251,303	470,032	18,874,311	55,437,780
Publishing (only) of periodicals	292	1,128	1,823,460	—	5,192,520	8,727,556
Trade composition	18	365	1,148,838	11,837	130,086	1,745,278
Totals	**775**	**19,581**	**52,972,902**	**1,058,009**	**53,390,582**	**147,946,669**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1950 — Continued

Toronto Metropolitan Area — Continued

Industry	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Iron and Steel Products:						
Boilers and plate work	12	2,638	7,883,701	332,353	9,517,917	25,595,742
Bridge building and structural steel	5	1,162	3,532,285	145,128	6,086,935	12,740,068
Hardware, tools and cutlery	80	2,351	5,823,357	278,192	6,242,673	18,148,048
Heating and cooking apparatus	23	1,819	4,833,118	180,416	7,636,416	19,776,787
Iron castings	17	2,303	6,575,204	390,437	7,123,304	20,180,993
Machinery, household, office and store	22	2,308	6,170,706	147,898	13,070,156	30,917,234
Machinery, industrial[7]	64	7,537	21,403,044	610,406	35,076,615	74,391,493
Machine shops	75	944	2,252,613	66,716	1,299,372	5,135,069
Miscellaneous Iron and Steel products	52	1,022	2,453,348	74,984	1,196,895	4,986,908
Sheet metal products	66	5,013	12,803,083	565,170	23,818,268	45,459,817
Wire and wire goods	25	373	932,083	72,559	2,143,959	4,282,165
Totals	**441**	**27,470**	**74,662,542**	**2,864,259**	**113,212,510**	**261,614,324**
Transportation Equipment:						
Carriages, wagons and sleighs	4	226	541,014	17,706	837,747	1,546,208
Motor vehicle parts	31	3,278	8,656,013	432,007	15,427,907	30,933,111
Railway rolling stock	4	1,177	2,986,494	97,313	3,688,254	7,245,329
All other industries[8]	8	1,933	4,903,937	252,240	8,936,705	15,473,478
Totals	**47**	**6,614**	**17,087,458**	**799,266**	**28,890,613**	**55,198,126**
Non-ferrous Metal Products:						
Aluminum products	27	1,600	3,865,180	249,788	4,336,425	11,415,329
Brass and copper products	38	2,479	7,326,344	575,397	24,719,623	38,159,801
Jewellery and silverware	94	2,367	5,417,493	128,125	20,646,714	28,945,594
Miscellaneous non-ferrous metal products	7	469	1,230,393	28,132	971,115	2,943,902
White metal alloys	13	1,344	3,412,988	350,446	17,483,904	23,242,079
Totals	**179**	**8,259**	**21,252,398**	**1,331,888**	**68,157,781**	**104,706,705**
Electrical Apparatus and Supplies:						
Batteries	5	1,442	3,923,600	211,548	15,874,827	25,743,806
Heavy electrical machinery	22	5,661	15,912,780	308,837	20,400,464	50,175,158
Miscellaneous electrical apparatus and supplies	60	4,936	12,915,702	497,522	25,552,941	54,113,424
Radios and radio parts	28	3,369	7,212,980	130,854	11,945,516	26,044,323
Refrigerators, vacuum cleaners and appliances	35	3,523	8,635,503	392,925	24,309,153	47,118,466
Totals	**150**	**18,931**	**48,600,565**	**1,541,686**	**98,082,901**	**203,195,177**
Non-metallic Mineral Products:						
Brick and tile	9	472	1,346,569	579,818	95,186	3,098,462
Cement products	44	667	1,785,941	202,334	2,996,629	7,758,484
Clay products from imported clay	6	74	163,535	21,936	311,303	1,019,116
Glass and glass products	37	740	1,735,953	72,632	1,757,431	4,083,765
Miscellaneous non-metallic mineral products	12	182	494,478	54,073	1,220,856	2,451,952
Sand-lime brick	3	128	324,481	60,987	270,047	1,104,614
Stone products	'22	582	1,674,513	225,993	1,945,157	6,055,862
All other industries[9]	4	269	742,569	143,422	577,490	1,279,110
Totals	**137**	**3,114**	**8,268,089**	**1,361,195**	**9,174,099**	**26,851,365**
Products of Petroleum and Coal[10]:						
Totals	**6**	**2,983**	**8,512,154**	**1,009,647**	**9,050,566**	**18,210,877**
Chemical and Allied Products:						
Acids, alkalies and salts	4	212	689,930	174,143	1,869,241	3,537,476
Adhesives	10	285	775,468	140,961	1,987,000	3,795,639
Cleaning preparations	10	129	318,232	9,542	1,265,115	2,505,578
Fertilizers	3	94	242,033	7,551	2,716,834	3,618,148
Gases, compressed	10	370	985,893	127,786	436,706	2,720,708
Inks, writing and printing	17	658	1,937,446	63,852	4,003,990	8,968,347
Medical and pharmaceutical preparations	62	2,205	4,565,592	141,897	7,004,453	20,936,330
Miscellaneous chemical products	57	666	1,744,424	201,333	8,958,671	14,939,728
Paints, varnishes and lacquers	33	1,909	5,029,254	256,946	20,543,885	40,014,573
Polishes and dressings	20	236	476,495	21,210	1,688,343	3,384,996
Soaps	13	2,216	6,311,280	619,976	17,955,543	38,862,632
Toilet preparations	40	822	1,568,476	32,700	3,536,017	10,312,546
Vegetable oil	3	292	923,087	278,868	18,885,689	22,757,092
Washing compounds	6	96	219,480	13,450	920,026	1,647,383
All other industries[11]	4	216	559,527	275,630	2,563,121	4,483,954
Totals	**292**	**10,406**	**26,346,617**	**2,365,850**	**94,334,634**	**182,485,130**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1950 — Continued

Toronto Metropolitan Area — Concluded

Industry	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Miscellaneous Manufacturing Industries:						
Artificial flowers and feathers	10	207	294,578	3,380	190,638	688,658
Brooms, brushes and mops	11	435	890,194	13,752	1,516,641	3,193,470
Buttons, buckles and fasteners	7	206	436,579	7,027	381,271	1,084,698
Fountain pens and pencils	5	483	1,145,093	21,920	1,091,773	3,293,715
Hair goods	7	71	143,207	2,612	303,997	542,663
Ice, artificial	13	148	342,881	141,115	42,628	1,148,794
Lamps, electric and lamp shades	25	645	1,233,244	37,149	1,863,979	3,875,457
Musical instruments	13	480	989,060	40,148	1,827,799	2,834,742
Other manufacturing industries[12]	11	319	663,246	14,818	756,002	2,207,013
Patterns and models	13	81	215,691	4,713	56,128	325,386
Pipes, lighters and smokers supplies	3	217	469,350	11,107	825,385	2,259,456
Plastics products	33	1,604	2,989,094	79,066	4,866,201	10,174,791
Scientific and professional equipment	35	2,776	7,524,334	186,420	8,219,869	19,521,268
Signs, electric, neon and other	11	373	924,068	37,227	676,837	2,140,627
Sporting goods	12	659	1,617,396	34,912	1,239,597	3,370,938
Stamps and stencils, rubber and metal	11	283	695,190	11,301	370,715	1,363,065
Statuary, art goods and novelties	40	421	805,355	19,569	824,785	2,128,391
Toys and games	23	920	1,650,823	35,589	2,619,071	5,653,193
Typewriter supplies	5	304	639,955	19,548	1,254,158	2,761,068
Umbrellas	3	93	148,411	2,428	299,455	557,847
Totals	**291**	**10,725**	**23,817,749**	**723,801**	**29,226,929**	**69,125,240**
Grand Totals, Metropolitan Toronto	**4,348**	**187,223**	**465,058,869**	**22,561,243**	**1,086,745,813**	**2,024,851,723**

1. Includes: Breakfast foods, 2; flour mills, 4; malt and malt products, 2;
2. Also, boot and shoe findings, 1.
3. Includes: Cordage, rope and twine, 1; cotton thread, 1; cotton yarn and cloth, 2; miscellaneous cotton goods, 2; synthetic textiles and silk, 1.
4. Also, gloves and mittens, fabric, 1.
5. Includes: Coffins and caskets, 2; cooperage, 2; excelsior, 1; lasts, trees and shoe findings, 1.
6. Also, roofing paper, 2.
7. Includes: Agricultural implements, 3; machine tools, 1.
8. Includes: Aircraft and parts, 2; bicycle and parts, 2; motor vehicles, 2; shipbuilding, 2.
9. Includes: Abrasive products, 2; asbestos products, 1; glass, and glass products, 1.
10. Includes: Coke and gas products, 1; petroleum products, 5.
11. Includes: Coal tar distillation, 2; primary plastics, 2.
12. Also, candles, 1.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1950 — Continued

Hamilton Metropolitan Area

Industry	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Foods and Beverages:						
Aerated waters	13	201	412,987	48,568	765,573	1,826,685
Biscuits	3	138	247,933	35,088	451,450	1,042,052
Bread and other bakery products	51	1,289	2,763,911	246,107	3,539,559	7,663,568
Confectionery	9	252	479,181	23,417	1,158,290	3,051,805
Feed mills	6	14	23,399	4,239	354,212	409,541
Fruit and vegetable preparations	17	1,048	1,832,113	131,573	5,970,492	8,894,710
Miscellaneous food preparations	12	318	495,949	25,199	2,308,994	3,771,898
Prepared stock and poultry feed	5	32	60,348	6,699	231,937	334,660
Slaughtering and meatpacking	6	614	1,414,486	130,400	19,133,199	24,632,975
All other industries[1]	8	372	975,484	111,086	2,159,011	4,231,364
Totals	**130**	**4,278**	**8,705,791**	**762,376**	**36,072,717**	**55,859,258**
Leather Products[2]:						
Totals	**7**	**178**	**361,555**	**4,056**	**707,181**	**1,291,917**
Textile Products (Except Clothing):						
Cotton yarn and cloth	6	2,396	4,366,984	322,952	11,586,700	20,862,076
Miscellaneous textile products	3	56	97,248	1,056	68,633	185,877
All other industries[3]	10	637	1,364,961	96,501	4,006,142	6,847,125
Totals	**19**	**3,089**	**5,829,193**	**420,509**	**15,661,475**	**27,895,078**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1950 — Continued

Hamilton Metropolitan Area — Continued

Industry	Establishments	Employees	Salaries and wages	Cost of fuel and electricty	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Clothing (Textile and Fur):						
Clothing, men's factory	9	897	1,551,589	23,757	2,110,093	4,472,916
Fur goods	6	28	70,919	2,265	136,444	316,913
Hosiery	4	1,065	2,426,488	95,734	1,631,526	5,134,054
Knitted goods	7	1,932	3,401,670	134,331	4,967,448	9,421,865
All other industries[4]	4	97	178,004	3,131	194,579	488,823
Totals	**30**	**4,019**	**7,628,670**	**259,218**	**9,040,090**	**19,834,571**
Wood Products:						
Boxes and baskets, wood	4	98	175,316	4,845	272,506	495,316
Furniture	19	296	668,858	33,665	492,512	1,424,580
Miscellaneous wood products	4	21	43,364	12,723	58,690	164,968
Sash, door and planing mills	9	408	927,562	54,093	2,396,278	3,773,240
Sawmills	4	20	39,674	1,910	79,500	148,368
All other industries[5]	6	136	258,430	8,789	500,411	888,305
Totals	**46**	**979**	**2,113,204**	**116,025**	**3,799,897**	**6,894,777**
Paper Products:						
Boxes and bags, paper	13	806	1,720,879	78,088	6,443,257	9,944,912
Miscellaneous paper goods[6]	11	822	2,113,740	110,645	5,587,328	11,984,896
Totals	**24**	**1,628**	**3,834,619**	**188,733**	**12,030,585**	**21,929,808**
Printing, Publishing and Allied Industries:						
Engraving, electrotyping and stereotyping	6	119	427,140	7,406	110,185	771,040
Printing and bookbinding	49	563	1,529,128	40,438	2,159,819	4,617,764
Publishing (only) of periodicals	19	221	62,487	—	169,644	271,942
All other industries[7]	9	622	1,752,257	34,133	1,692,154	5,290,587
Totals	**83**	**1,525**	**3,771,012**	**81,977**	**4,131,802**	**10,951,333**
Iron and Steel Products:						
Boilers and plate work	3	71	155,176	10,566	159,835	632,118
Hardware, tools and cutlery	19	720	1,709,226	107,621	1,704,111	5,093,868
Heating and cooking apparatus	3	49	103,804	4,547	107,643	261,801
Iron castings	5	452	1,223,924	67,978	2,647,978	4,442,256
Machine shops	12	99	223,778	6,817	80,307	410,973
Machine tools	3	657	1,815,180	60,060	848,599	3,420,494
Machinery, household, office and store	5	818	1,956,435	39,752	2,457,669	5,074,183
Machinery, industrial	9	929	2,984,328	161,337	3,959,436	13,728,642
Miscellaneous iron and steel products	12	110	198,021	11,052	194,790	648,586
Primary iron and steel	10	10,456	32,855,238	10,169,579	72,176,299	142,170,274
Sheet metal products	18	1,442	3,669,162	210,720	9,262,828	15,781,357
Wire and wire goods	18	2,754	7,921,885	514,675	8,467,023	29,113,612
All other industries[8]	3	3,792	10,594,509	600,710	15,340,943	28,999,817
Totals	**120**	**22,349**	**65,410,666**	**11,965,414**	**117,407,461**	**249,777,981**
Transportation Equipment[9]:						
Totals	**10**	**2,215**	**6,394,194**	**519,390**	**29,190,926**	**40,190,428**
Non-ferrous Metal Products:						
Brass and copper products	10	490	1,438,679	63,054	2,853,013	5,264,549
Jewellery and silverware	6	494	1,162,537	27,826	888,811	2,427,862
All other industries[10]	7	347	877,446	81,814	1,579,321	3,217,702
Totals	**23**	**1,331**	**3,478,662**	**172,694**	**5,321,145**	**10,910,113**
Electrical Apparatus and Supplies[11]:						
Totals	**23**	**8,815**	**23,887,952**	**859,699**	**27,071,092**	**78,230,651**
Non-metallic Mineral Products:						
Cement products	17	299	633,621	112,092	864,718	2,297,681
All other industries[12]	32	2,124	5,558,770	1,156,941	5,015,292	16,823,615
Totals	**49**	**2,423**	**6,192,391**	**1,269,033**	**5,880,010**	**19,121,296**
Products of Petroleum and Coal[13]:						
Totals	**5**	**779**	**2,172,856**	**1,834,578**	**15,168,392**	**27,836,297**
Chemicals and Allied Products:						
Cleaning preparations	3	20	50,753	719	8,498	109,367
Miscellaneous chemicals products	10	184	622,067	54,227	2,668,271	4,488,147
Polishes and dressings	5	48	101,654	5,064	247,508	579,510
Toilet preparations	5	26	37,622	1,425	67,013	140,938
Washing compounds	4	6	10,807	1,247	8,828	24,093
All other industries[14]	11	988	3,087,720	486,007	17,172,212	25,047,726
Totals	**38**	**1,272**	**3,910,623**	**548,689**	**20,172,330**	**30,389,781**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1950 — Continued

Hamilton Metropolitan Area — Concluded

Industry	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Miscellaneous Manufacturing Industries:						
Brooms, brushes and mops	6	367	750,239	16,101	1,370,839	3,210,491
Patterns and models	4	23	79,148	1,817	20,665	133,594
Plastics products	3	73	123,527	624	208,393	369,243
Sporting goods	3	14	22,910	770	24,380	56,007
All other industries[15]	10	112	213,099	21,390	125,722	459,384
Totals	**26**	**589**	**1,188,923**	**40,702**	**1,749,999**	**4,228,719**
All other Major Groups:						
Totals	**5**	**2,085**	**5,976,137**	**323,616**	**18,605,968**	**42,953,607**
Grand Totals, Metropolitan Hamilton	**638**	**57,554**	**150,856,448**	**19,366,709**	**322,011,070**	**648,295,615**

1. Includes: Breweries, 1; butter factories, 2; flour mills, 1; macaroni and kindred products, 1; other dairy products, 1; sausage and sausage casings, 1; wines, 1.
2. Includes: Belting, leather, 2; footwear, leather, 2; miscellaneous leather goods, 3.
3. Includes: Awnings, tents and sails, 1; bags, cotton and jute, 1; cordage, rope and twine, 1; cotton thread, 1; embroideries, pleating, hemstitching, etc., 1; miscellaneous textiles, 1; miscellaneous woollen goods, 2; other primary textiles, 1; woollen yarn, 1.
4. Includes: Clothing, women's factory, 1; corset and allied garments, 1; hats and caps, 2.
5. Includes: Coffins and caskets, 2; cooperage, 1; hardwood flooring, 1; woodturning, 2.
6. Also, roofing paper, 2.
7. Includes: Lithographing, 2; printing and publishing, 5; trade composition, 2.
8. Includes: Agricultural implements, 2; bridgebuilding and structural steel, 1.
9. Includes: Boatbuilding, 3; motor vehicles, 1; motor vehicles parts, 3; railway rolling stock, 3.
10. Includes: Aluminum products, 3; miscellaneous non-ferrous metal products, 2; white metal alloys, 2.
11. Includes: Batteries, 2; heavy electrical machinery, 2; miscellaneous electrical apparatus and supplies, 9; radios and radio parts, 5; refrigerators, vacuum cleaners and appliances, 5.
12. Includes: Abrasive products, 3; asbestos products, 2; brick and tile, 5; clay products from domestic clay, 1; clay products from imported clay, 6; glass and glass products, 5; miscellaneous non-metallic mineral product, 4; stone products, 6.
13. Includes: Coke and gas products, 3; petroleum products, 2.
14. Includes: Acids, alkalies and salts, 1; coal tar distillation, 1; fertilizers, 1; gases compressed, 2; medical and pharmaceutical preparations, 2; paints, varnishes and lacquers, 2; soaps, 1; vegetable oil, 1.
15. Includes: Ice artificial, 2; other industries, 1; scientific and professional equipment, 2; stamps and stencils, rubber and metal, 2; statuary, art goods and novelties, 1; toys and games, 2.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1950 — Continued

Windsor Metropolitan Area

Industry	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Foods and Beverages:						
Aerated waters	6	119	253,257	30,888	513,066	1,212,590
Bread and other bakery products	19	524	1,087,979	114,274	1,604,625	3,396,991
Breweries	3	284	759,531	60,632	1,312,014	4,556,526
Butter and cheese	4	385	1,087,485	133,704	2,514,677	4,502,874
Fruit and vegetable preparations	4	242	332,581	17,417	772,517	1,461,848
Miscellaneous food preparations	6	47	58,008	20,702	197,486	336,075
Slaughtering and meatpacking	3	145	302,798	45,979	4,485,952	4,928,234
All other industries[1]	7	867	2,309,943	314,229	7,860,637	26,661,986
Totals	**52**	**2,613**	**6,191,582**	**737,825**	**19,240,974**	**47,057,124**
Textile Products (Except Clothing)[2]:						
Totals	**6**	**887**	**2,170,331**	**68,786**	**3,881,941**	**7,641,716**
Clothing (Textile and Fur)[3]:						
Totals	**5**	**160**	**240,568**	**4,669**	**580,812**	**912,793**
Wood Products:						
Furniture	7	86	216,318	8,384	516,904	954,504
Miscellaneous wood products	4	9	12,400	1,258	23,837	44,696
Sash, door and planing mills	10	77	178,877	16,785	202,506	444,669
All other industries[4]	5	92	189,483	8,409	294,247	625,212
Totals	**26**	**264**	**597,078**	**34,836**	**1,037,494**	**2,069,081**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1950 — Continued

Windsor Metropolitan Area — Concluded

Industry	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Printing, Publishing and Allied Industries:						
Printing and bookbinding	26	249	565,097	16,065	512,043	1,429,518
Publishing (only) of periodicals	6	5	6,945	—	27,938	31,152
All other industries[5]	3	402	1,289,223	26,241	1,146,766	3,841,662
Totals	**35**	**656**	**1,861,265**	**42,306**	**1,686,747**	**5,302,332**
Iron and Steel Products:						
Hardware, tools and cutlery	15	499	1,577,479	53,883	1,169,526	3,925,409
Iron castings	8	1,083	3,145,213	280,678	2,838,477	8,199,106
Machine shops	5	88	277,158	5,630	148,388	486,230
Machinery, industrial	10	465	1,279,030	33,222	1,067,547	4,697,899
Miscellaneous iron and steel products	8	535	2,061,895	275,619	4,658,095	9,298,840
Sheet metal products	6	448	1,394,730	43,323	2,505,668	4,813,865
Wire and wire goods	3	657	2,064,797	121,358	3,294,148	7,323,732
All other industries[6]	8	1,542	4,692,140	165,313	6,615,036	18,492,856
Totals	**63**	**5,317**	**16,492,442**	**979,026**	**22,296,885**	**57,237,937**
Transportation Equipment[7]:						
Totals	**25**	**22,447**	**71,876,520**	**1,873,200**	**252,889,334**	**412,596,390**
Non-ferrous Metal Products:						
Brass and copper products	5	131	367,140	16,043	529,376	1,405,650
Jewellery and silverware	3	38	101,176	744	129,713	304,866
All other industries[8]	4	20	36,902	3,601	371,864	491,700
Totals	**12**	**189**	**505,218**	**20,388**	**1,030,953**	**2,202,216**
Non-metallic Mineral Products:						
Cement products	6	171	373,168	95,651	914,657	2,008,948
Miscellaneous non-metallic mineral products	3	61	143,037	11,987	310,458	673,682
All other industries[9]	5	259	720,689	256,902	974,935	3,873,553
Totals	**14**	**491**	**1,236,894**	**364,540**	**2,200,050**	**6,556,183**
Chemicals and Allied Products:						
Medicinal and pharmaceutical preparations	11	1,155	2,473,626	62,631	4,231,018	15,038,278
Miscellaneous chemical products	7	31	78,045	10,370	357,750	902,795
Paints, varnishes and lacquers	3	151	402,091	18,304	1,140,415	2,194,274
Toilet preparations	4	21	30,764	1,265	34,707	111,829
All other industries[10]	9	409	1,212,300	725,633	396,985	3,350,242
Totals	**34**	**1,767**	**4,196,826**	**818,203**	**6,160,875**	**21,597,418**
Miscellaneous Manufacturing Industries:						
Patterns and models	4	14	34,739	1,029	17,503	99,950
Sporting goods	3	18	28,844	618	22,987	79,167
All other industries[11]	12	318	653,346	43,434	694,128	2,099,352
Totals	**19**	**350**	**716,929**	**45,081**	**734,618**	**2,278,469**
All other Major Groups[12]						
Totals	**6**	**223**	**591,426**	**28,449**	**2,456,341**	**3,757,538**
Grand Totals, Windsor Metropolitan	**297**	**35,364**	**106,677,079**	**5,017,309**	**314,197,024**	**569,209,197**

1. Includes: Breakfast foods, 1; confectionery, 1; distilled liquors, 1; other dairy products, 1; prepared stock and poultry feed, 1; sausages and sausage casings, 2.
2. Includes: Automobile accessories, fabric, 2; awnings, tents and sails, 1; bags, cotton and jute, 1; miscellaneous cotton goods, 1; miscellaneous textiles, 1.
3. Includes: Children's clothing, 1; clothing men's factory, 1; fur goods, 2; gloves and mittens, fabric, 1.
4. Includes: Boxes and baskets, wood, 2; coffins and caskets, 1; sawmills, 1; woodturning, 1.
5. Includes: Lithographing, 1; printing and publishing, 1; trade composition, 1.
6. Includes: Agricultural implements, 1; bridge building and structural steel, 2; heating and cooking apparatus, 1; machine tools, 1; machinery, household, office and store, 2; primary iron and steel, 1.
7. Includes: Motor vehicles, 3; motor vehicle parts, 22.
8. Includes: Aluminum products, 3; white metal alloys, 1.
9. Includes: Glass and glass products, 3; salt, 1; stone products, 1.
10. Includes: Acids, alkalies and salts, 1; gases, compressed, 1; polishes and dressings, 1; soaps, cleaning preparations and washing compounds, 6.
11. Includes: Artificial flowers and feathers, 1; buttons, buckles and fasteners, 1; ice, artificial, 2; musical instruments, 1; plastic products, 1; scientific and professional equipment, 1; stamps and stencils, rubber and metal, 1; statuary, art goods and novelties, 2; toys and games, 2.
12. Includes; Rubber products, 2; Paper Products — boxes and bags, 1; Miscellaneous paper goods, 1; Electrical Apparatus and Supplies — batteries, 1; Miscellaneous electrical apparatus and supplies, 1.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1950 — Continued

Winnipeg Metropolitan Area

	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Foods and Beverages:						
Aerated waters	11	320	717,106	104,436	1,743,885	4,803,994
Bread and other bakery products	54	1,125	2,394,522	267,601	3,993,384	8,641,030
Breakfast foods	3	22	36,547	3,425	387,772	828,498
Breweries	6	591	1,619,323	153,768	1,889,373	8,359,776
Butter and cheese	9	904	1,972,075	216,064	6,265,583	9,962,584
Confectionery	12	401	673,207	34,265	1,568,289	2,933,719
Feed mills	5	20	29,468	5,091	232,642	280,213
Flour mills	3	440	878,050	115,764	18,892,860	20,746,189
Fruit and vegetable preparations	9	217	381,615	28,770	1,508,432	2,346,937
Macaroni and kindred products	3	61	125,487	12,677	433,813	844,593
Malt and malt products	3	223	691,923	331,388	7,601,200	10,235,356
Miscellaneous food preparations	20	388	704,695	28,443	7,751,159	9,251,026
Prepared stock and poultry feed	17	189	401,552	68,625	5,633,350	6,631,714
Sausages and sausage casings	6	115	245,568	25,758	1,776,530	2,233,910
Slaughtering and meatpacking	13	2,701	7,671,907	453,843	83,741,826	99,113,258
All other industries [1]	9	700	1,466,546	276,717	5,521,022	10,776,232
Totals	**183**	**8,417**	**20,009,591**	**2,126,635**	**148,941,120**	**197,989,029**
Leather Products:						
Footwear	6	235	409,381	9,294	1,195,479	1,683,116
Gloves and mittens	11	243	378,015	5,848	794,768	1,402,188
Miscellaneous leather products [2]	14	201	333,034	18,535	1,226,458	1,822,458
Totals	**31**	**679**	**1,120,430**	**33,677**	**3,216,705**	**4,907,762**
Textile Products (Except Clothing):						
Awnings, tents and sails	6	57	95,145	5,106	361,531	540,520
Bags, cotton and jute	4	190	424,758	19,072	5,585,566	6,431,502
Miscellaneous textiles	7	68	120,755	2,781	387,958	587,361
All other industries [3]	5	401	715,646	75,240	340,876	1,489,859
Totals	**22**	**716**	**1,356,304**	**102,199**	**6,675,931**	**9,049,242**
Clothing (Textile and Fur):						
Clothing, children's	8	276	442,683	6,025	889,901	1,524,276
Clothing, men's factory	34	2,429	3,644,757	52,378	9,001,786	17,202,350
Clothing, women's factory	34	1,803	3,625,229	37,400	6,454,950	12,396,374
Fur dressing and dyeing	4	248	498,451	12,683	97,779	802,882
Fur goods	59	745	1,661,471	20,293	3,820,750	6,451,172
Hats and caps	10	223	358,823	5,016	513,321	1,143,396
Knitted goods	6	225	348,540	7,871	838,626	1,420,164
All other industries [4]	5	59	73,591	1,797	22,636	118,478
Totals	**160**	**6,008**	**10,653,545**	**143,463**	**21,639,749**	**41,059,092**
Wood Products:						
Boxes and baskets, wood	6	236	434,384	26,306	474,775	1,149,965
Furniture	70	1,338	2,831,244	94,081	5,378,937	9,957,905
Miscellaneous wood products	12	70	129,778	5,065	249,813	463,774
Sash, door and planing mills	19	549	1,190,133	39,017	1,925,950	3,840,052
All other industries [5]	10	209	412,372	36,972	2,004,702	2,633,093
Totals	**117**	**2,402**	**4,997,911**	**201,441**	**10,034,177**	**18,044,789**
Paper Products:						
Boxes and bags, paper	8	563	1,292,495	45,868	4,242,933	6,971,361
Miscellaneous paper goods [6]	7	222	459,972	84,239	969,720	2,500,038
Roofing paper	4	175	395,316	44,850	1,566,233	3,563,162
Totals	**19**	**960**	**2,147,783**	**174,957**	**6,778,886**	**13,034,561**
Printing, Publishing and Allied Industries:						
Engraving, electrotyping and stereotyping	6	244	698,649	11,988	155,623	1,048,224
Printing and bookbinding [7]	72	1,687	3,527,516	79,398	3,382,347	9,402,150
Printing and publishing	25	1,384	3,207,438	89,020	2,778,783	9,464,859
Printing (only) of periodicals	88	173	267,232	--	930,020	1,562,885
Trade composition	3	11	25,300	700	10,985	45,462
Totals	**194**	**3,499**	**7,726,135**	**181,106**	**7,257,758**	**21,523,580**
Iron and Steel Products:						
Agricultural implements	11	462	950,223	48,136	1,550,413	3,804,696
Hardware, tools and cutlery	6	33	45,413	3,099	33,726	106,643
Heating and cooking apparatus	3	58	141,343	6,228	548,654	857,188
Iron castings	8	725	1,800,270	42,973	1,529,620	5,547,692
Machine shops	24	302	634,860	26,120	351,630	1,489,812
Machinery, industrial	11	365	878,760	34,029	753,415	2,048,501
Miscellaneous iron and steel products	9	531	1,366,580	82,292	1,580,385	3,953,915
Sheet metal products	17	799	1,894,369	86,327	3,735,896	6,722,510
All other industries [8]	7	572	1,514,341	82,167	2,352,891	8,253,909
Totals	**96**	**3,847**	**9,226,159**	**411,371**	**12,436,630**	**32,784,866**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1950 — Continued

Winnipeg Metropolitan Area — Concluded

	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Transportation Equipment:						
Bootbuilding	3	6	5,954	473	6,981	17,081
Carriages, wagons and sleighs	3	59	136,434	5,072	201,673	411,941
Motor vehicle parts	5	68	130,479	7,023	128,624	360,152
Railway rolling stock	4	5,727	13,712,128	497,099	15,160,908	29,908,993
All other industries[9]	4	699	1,474,723	121,983	1,955,959	4,416,563
Totals	**19**	**6,559**	**15,459,718**	**631,650**	**17,454,145**	**35,114,730**
Non-ferrous Metal products:						
Aluminum products	3	8	11,881	945	3,811	13,922
Brass and copper products	6	180	395,946	49,832	1,392,651	2,168,611
Jewellery and silverware	3	42	83,723	1,540	151,407	291,741
Miscellaneous non-ferrous metal products[10]	5	56	117,535	22,241	1,187,954	1,520,999
Totals	**17**	**286**	**609,085**	**74,558**	**2,735,823**	**3,995,273**
Electrical Apparatus and Supplies:						
Miscellaneous electrical apparatus and supplies	7	127	283,137	19,340	762,758	1,587,465
Refrigerators, vacuum cleaners and appliances	5	107	160,611	3,327	189,969	482,510
All other industries[11]	4	371	710,779	42,457	1,918,488	3,670,549
Totals	**16**	**605**	**1,154,527**	**65,124**	**2,871,215**	**5,740,524**
Non-metallic Mineral Products:						
Cement products	6	84	153,374	15,436	185,429	547,861
Glass and glass products	3	42	96,246	3,563	95,640	256,542
Miscellaneous non-metallic mineral products	5	33	72,856	9,836	90,370	267,877
Stone products	5	38	75,783	6,088	48,377	167,335
All other industries[12]	7	484	1,072,477	1,218,796	2,407,685	8,176,958
Totals	**26**	**681**	**1,470,736**	**1,253,719**	**2,827,501**	**9,416,573**
Products of Petroleum and Coal[13]:						
Totals	**3**	**347**	**804,935**	**383,433**	**5,330,047**	**8,101,614**
Chemical and Allied Products:						
Acids, alkalies and salts	9	153	300,167	11,717	684,523	1,722,707
Cleaning preparations	4	8	7,755	1,335	12,041	24,864
Gases compressed	3	86	206,247	19,403	125,986	765,263
Miscellaneous chemicals products	7	81	187,174	4,203	779,928	1,423,152
Paints, varnishes and lacquers	5	230	475,162	32,001	2,575,837	4,280,160
Soaps	3	26	50,579	5,830	110,351	310,096
Toilet preparations	3	20	35,136	645	46,169	120,774
All other industries[14]	8	73	124,576	25,525	927,766	1,220,456
Totals	**42**	**677**	**1,386,796**	**100,659**	**5,262,601**	**9,867,472**
Miscellaneous Manufacturing Industries:						
Brooms, brushes and mops	6	94	201,759	4,338	300,575	653,877
Lamps, electric and lamp shades	3	14	22,182	1,299	74,330	114,479
Scientific and professional equipment	10	74	136,429	6,400	84,373	277,766
Signs, electric, neon and other	6	150	343,707	40,265	170,526	1,022,202
Stamps and stencil, rubber and metal	5	16	39,185	485	12,623	64,654
Statuary, art goods and novelties	7	47	49,743	1,732	56,110	156,971
All other industries[15]	8	68	138,342	15,695	85,410	367,582
Totals	**45**	**463**	**931,347**	**70,214**	**783,947**	**2,657,531**
Grand Totals, Metropolitan Winnipeg	**990**	**36,146**	**79,055,002**	**5,954,206**	**254,246,235**	**413,286,638**

1. Includes: Animal oils and fats, 2; biscuits, 2; cheese factories, 1; combined butter and cheese factories, 1; processed cheese, 2; sugar refining, 1.
2. Also, leather tanneries, 1.
3. Includes: Automobile accessories, fabric, 1; carpets, mats and rugs, 1; embroideries, pleating, hemstitching, etc., 2; woollen cloth, 1.
4. Includes: Clothing contractor's men's, 1; clothing contractor's women's, 2; miscellaneous clothing, 2.
5. Includes: Beekeeper's and poultrymen's supplies, 1; coffins and caskets, 2; cooperage, 1; excelsior, 2; woodenware, 2; wood preservation, 2.
6. Also, pulp and paper, 1.
7. Also, lithographing, 2.
8. Includes: Bridge building and structural steel, 2; machinery, household, office and store, 2; primary iron and steel, 1; wire and wire goods, 2.
9. Includes: Aircraft and parts, 2; motor vehicles, 2.
10. Also, white metal alloys, 2.
11. Includes: Batteries, 2; heavy electrical machinery, 2.
12. Includes: Brick and tile, 1; ciment Portland, 1; gypsum products, 2; lime, 2; sandlime brick, 1.
13. Includes: Coke and gas products, 1; petroleum refining and products, 2.
14. Includes: Adhesives, 1; coal tar distillation, 2; ink printing, 1; ink, writing, 1; vegetable oil, 2; washing compounds, 1.
15. Includes: Artificial flowers and feathers, 1; ice, artificial, 1; patterns and models, 1; plastic products, 2; sporting goods, 1; toys and games, 1. Also, rubber products, 1.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1950 — Continued

Vancouver Metropolitan Area

	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Foods and Beverages[1]:						
Aerated waters	8	227	497,385	83,595	1,048,012	3,351,944
Biscuits	3	176	352,343	29,369	807,178	1,768,433
Bread and other bakery products	117	1,601	3,662,437	340,124	6,344,909	12,482,563
Breakfast foods	3	15	18,887	1,072	51,523	76,647
Breweries	3	472	1,307,071	93,356	1,891,812	8,435,007
Butter and cheese	12	1,280	3,047,879	337,157	8,575,899	13,098,239
Confectionery	23	278	475,793	30,414	820,375	1,749,814
Fish, processed	30	1,955	4,778,728	345,810	18,428,649	30,710,637
Fruit and vegetable preparations	23	1,026	1,890,517	113,171	9,524,740	13,691,261
Macaroni and kindred products	3	32	36,557	3,263	64,279	125,273
Miscellaneous food preparations	34	677	1,203,668	78,294	23,798,917	28,526,987
Other dairy products	6	127	260,400	53,605	1,207,977	1,984,587
Prepared stock and poultry feed	13	420	1,017,263	114,994	8,158,496	10,762,060
Sausages and sausage casings	5	84	224,357	13,432	1,080,183	1,485,297
Slaughtering and meatpacking	10	1,382	3,847,602	299,113	45,363,174	50,876,041
All other industries[1 2]	10	1,236	3,132,868	499,601	19,689,219	30,088,138
Totals	**303**	**10,988**	**25,753,755**	**2,436,370**	**146,855,342**	**209,212,928**
Rubber products:						
Totals	**4**	**34**	**74,315**	**7,875**	**19,676**	**138,687**
Leather Products:						
Footwear	9	269	459,543	10,107	784,182	1,436,782
Gloves and mittens	4	77	143,059	1,539	246,655	473,752
Miscellaneous leather products	6	153	266,630	6,904	439,984	1,075,586
Tanneries	3	26	46,484	5,051	214,205	281,388
Totals	**22**	**525**	**915,716**	**23,601**	**1,685,026**	**3,267,508**
Textile products (except clothing):						
Awnings, tents and sails	6	128	254,949	14,680	603,247	918,089
Miscellaneous textiles	4	27	49,192	5,841	228,697	300,566
Oilcloth, linoleum and other coated fabrics	3	14	33,488	1,741	114,530	189,542
Woollen cloth	3	218	428,264	29,530	1,011,729	1,891,585
All other industries[3]	10	210	456,623	22,573	2,564,753	3,768,380
Totals	**26**	**597**	**1,222,516**	**74,365**	**4,522,956**	**7,068,162**
Clothing (textile and fur):						
Clothing men's factory	16	508	787,451	18,118	1,690,371	3,115,450
Clothing women's factory	25	610	1,127,712	16,152	1,855,565	3,525,885
Fur goods	20*	130	218,808	6,081	306,075	626,603
All other industries[4]	7	249	391,651	7,414	626,969	1,433,293
Totals	**68**	**1,497**	**2,525,622**	**47,765**	**4,478,980**	**8,701,231**
Wood products:						
Boxes and baskets, wood	10	98	149,993	11,229	219,381	471,540
Coffins and caskets	6	67	138,865	6,419	415,339	722,267
Furniture	121	1,856	3,988,094	115,346	6,183,697	12,250,120
Miscellaneous wood products	24	237	604,253	32,893	2,151,745	3,383,157
Plywoods and veneers	10	2,651	6,490,893	215,129	12,450,223	26,710,105
Sash, door and planing mills	61	1,201	2,957,052	124,354	5,814,639	11,200,184
Sawmills	137	11,796	31,246,294	1,044,397	69,900,894	143,400,328
Woodenware	4	77	126,483	3,884	158,900	337,777
Woodturning	3	53	133,146	6,224	342,010	606,630
All other industries[5]	7	255	652,414	61,204	1,795,180	2,725,894
Totals	**383**	**18,291**	**46,487,487**	**1,621,079**	**99,432,008**	**201,808,002**
Paper products:						
Boxes and bags, paper	10	747	1,597,799	64,348	6,363,216	10,155,061
Miscellaneous paper goods	13	550	1,271,967	34,813	6,087,429	9,317,497
All other industries[6]	5	883	3,077,236	683,659	6,859,808	15,927,869
Totals	**28**	**2,180**	**5,947,002**	**782,820**	**19,310,453**	**35,400,427**
Printing, Publishing and Allied Industries:						
Engraving, electrotyping and stereotyping	7	175	540,946	10,919	173,282	910,115
Lithographing	9	272	744,078	15,937	787,865	1,852,132
Printing and bookbinding	89	932	2,277,439	55,680	1,597,249	4,892,377
Printing and publishing	19	1,715	4,994,000	65,477	3,472,132	11,958,297
Publishing (only) of periodicals	111	417	388,037	—	906,594	2,055,696
Trade composition	3	28	74,932	3,872	9,713	108,218
Totals	**238**	**3,539**	**9,019,432**	**151,885**	**6,946,835**	**21,776,835**
Iron and Steel Products:						
Boilers and plate work	7	202	689,766	27,910	679,407	1,693,339
Hardware, tools and cutlery	10	282	664,694	48,728	756,822	2,090,821
Heating and cooking apparatus	12	239	550,637	12,330	678,462	1,534,489
Iron castings	17	551	1,374,185	126,617	1,358,620	3,774,756
Machine shops	40	376	1,039,916	36,353	733,098	2,298,557
Machinery, household, office and store	3	51	111,860	5,663	124,811	292,591
Machinery, industrial	39	1,781	5,171,503	166,953	4,194,123	13,855,963
Miscellaneous iron and steel products	23	196	504,168	39,023	780,987	1,830,921
Primary iron and steel	7	432	1,205,316	215,253	2,462,134	4,742,702
Sheet metal products	25	952	2,431,406	108,828	8,109,593	13,649,550
Wire and wire goods	9	330	866,205	38,752	2,746,973	4,797,416
All other industries	4	851	2,822,151	116,429	4,684,176	10,931,550
Totals	**196**	**6,243**	**17,431,807**	**942,839**	**27,309,206**	**61,492,655**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1950 – Concluded

Vancouver Metropolitan Area – Concluded

	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Transportation Equipment:						
Boatbuilding	28	154	336,548	7,434	260,924	731,898
Motor vehicle parts	13	212	530,053	21,231	743,348	1,685,633
Shipbuilding	18	1,754	4,261,317	166,306	1,870,093	8,439,669
All other industries	3	280	692,179	53,841	771,432	1,766,961
Totals	**62**	**2,400**	**5,820,097**	**248,812**	**3,645,797**	**12,624,161**
Non-ferrous metal products:						
Aluminum products	3	75	176,406	7,061	179,828	340,120
Brass and copper products	14	179	501,571	20,507	373,231	1,121,918
Jewellery and silverware	9	105	226,816	2,237	185,429	507,189
White metal alloys	3	56	145,544	13,089	982,207	1,297,566
Totals	**29**	**415**	**1,050,337**	**42,894**	**1,720,695**	**3,266,793**
Electrical apparatus and supplies:						
Batteries	6	57	112,076	9,530	365,173	543,977
Heavy electrical machinery	3	167	517,220	10,480	540,188	1,349,845
Miscellaneous electrical apparatus and supplies[7]	10	135	252,134	9,421	504,318	1,050,617
Radio and radio parts	7	106	228,110	5,739	310,768	709,235
Totals	**26**	**465**	**1,109,540**	**35,170**	**1,720,447**	**3,653,674**
Non metallic mineral products:						
Brick and tile	4	16	43,356	12,163	100	100,733
Cement products	13	209	471,016	30,317	885,534	1,753,490
Glass and glass products	8	110	199,221	12,634	261,750	511,541
Miscellaneous non metallic mineral products	4	36	80,296	7,154	146,448	312,659
Stone products	7	98	214,947	19,711	296,586	828,558
All other industries[8]	5	46	104,797	7,224	52,305	125,906
Totals	**41**	**515**	**1,113,633**	**89,203**	**1,642,723**	**3,632,887**
Products of petroleum and coal[9]						
Totals	**6**	**832**	**2,507,126**	**1,291,703**	**28,159,395**	**42,894,832**
Chemical and allied products:						
Cleaning preparations	4	8	12,114	146	16,797	58,982
Fertilizers	4	45	115,184	3,257	507,547	763,199
Gases, compressed	3	95	238,663	29,914	150,817	1,042,461
Medicinal and pharmaceutical preparations	3	22	45,175	985	72,357	163,647
Miscellaneous chemicals products	11	59	133,543	2,834	503,339	784,609
Paints, varnishes and lacquers	10	201	498,423	25,271	1,651,481	3,032,512
Polishes and dressings	3	6	7,410	470	3,170	16,989
Soaps	5	18	34,938	1,459	93,872	169,038
Toilet preparations	4	13	6,820	1,725	10,525	38,146
Washing compounds	5	37	95,251	3,905	163,811	612,059
All other industries[10]	8	138	368,786	61,609	6,222,485	7,526,767
Totals	**60**	**642**	**1,556,307**	**131,575**	**9,396,201**	**14,208,409**
Miscellaneous manufacturing industries:						
Brooms, brushes and maps	4	94	183,599	3,620	254,866	537,673
Ice, artificial	6	121	282,827	58,512	14,681	620,352
Lamps, electric and lamp shades	3	93	187,796	7,542	193,909	416,551
Patterns and models	4	28	84,213	1,272	14,499	121,559
Plastic products	5	43	67,782	1,646	90,969	205,360
Scientific and professional equipment	4	10	16,414	478	13,113	37,119
Signs, electric, neon and other	7	283	887,962	19,660	524,013	2,972,945
Sporting goods	7	69	118,925	4,279	157,747	367,793
Stamps and stencils, rubber and metal	7	56	125,181	4,065	46,286	273,968
Statuary, art goods and novelties	4	28	43,147	1,007	17,981	71,790
All other industries[11]	5	26	44,391	1,359	68,967	177,536
Totals	**56**	**851**	**2,042,237**	**103,440**	**1,397,031**	**5,802,646**
Grand Totals Metropolitan Vancouver	**1,548**	**50,014**	**124,576,929**	**8,031,396**	**358,242,771**	**634,949,837**

1. Also Tobacco and Tobacco Products Group, 1.
2. Includes: Animal oils and fats, 2; cheese factories, 1; distilled liquors, 2; flour mills, 1; starch and glucose, 1; sugar refining, 1; wines, 1.
3. Includes: Automobile accessories, fabric, 1; bags, cotton and jute, 2; cotton yarn and cloth, 1; cordage, rope and twine, 1; embroideries, hemstiching, etc., 2; miscellaneous cotton goods, 1; miscellaneous woollen goods, 2.
4. Includes: Gloves and mittens, fabric, 1; hats and caps, 1; hosiery, 2; knitted goods, 2; miscellaneous clothing, 1.
5. Includes: Beekeepers's and poultrymen's supplies, 1; cooperage, 2; hardwood flooring, 1; wood preservation, 3.
6. Includes: Pulp and paper, 3; roofing paper, 2.
7. Also, refrigerators, vacuum cleaners and appliances, 2.
8. Includes: Abrasive products, 1; asbestos products, 2; clay products from imported clay, 2.
9. Includes: Coke and gas products, 1; petroleum refining and products, 5.
10. Includes: Acids, alkalies and salts, 1; adhesives, 2; coal tar distillation, 1; inks, printing, 1; inks, writing, 1; primary plastics, 1; vegetable oil, 1.
11. Includes: Hair goods, 1; fountain pens and pencils, 1; other industries, 1; musical instruments, 1; umbrellas, 1.

APPENDIX II

Alphabetical List of the Products Reported as having been Manufactured in Canada in 1950

The appended list of the products of Canadian manufacturing industries presents the value and in most cases the quantity of the individual products in a much more detailed form. Prior to 1927, in presenting statistics of manufacturing production, the whole production of an establishment was taken as a unit. This not only prevented the presentation of production figures for specific products in detail, but also involved numerous inaccuracies in the production statistics of classes of commodities, owing to the fact that commodities which may be the major line of production in one establishment may also be products of secondary importance in another establishment where the major line of production puts the establishment into a different class. The statistics which follow, however, have been compiled by taking from the individual returns of each of the 35,942 manufacturing establishments covered, the value and, when given, the quantity of each commodity specified as produced by the establishment. In this way, detailed production figures are obtained for specific commodities and, furthermore, the total production of each commodity is brought together, no matter how varied may be the operations in different establishments producing it. Nevertheless it should be pointed out to those making use of these figures that there is one element of incompleteness about them. In the returns of many manufacturers, products of minor importance are grouped under the name "all other products". As will be seen from the group at the end of the list, the value of products not specified, while they may appear unimportant to the individual manufacturer, are, in the aggregate, a large amount, especially in the industries of two of the larger groups. It is obvious that one manufacturer may consider a product of insufficient importance to report separately for his establishment, while that same product may be reported separately by other establishments. In other words, included in the value of other products not specified at the end of the list, there are doubtless values which, had the products been specified by the manufacturer, would have been included in the values of commodities appearing on the list. However, the products not specified total only about 1.5 per cent in value of the whole manufacturing production, although in the iron and steel group this proportion is 3.8 per cent and in transportation equipment 4.9 per cent. With the exception of these groups, therefore, the incompleteness of the figures on this account is insignificant.

There is no duplication in the listing of products, nor do any of the items, include products listed in more detail under another name. It is possible, however, that essentially the same commodity produced in different establishments may have been called by different names; in such a case, which is probably a very rare one, the items would appear separately in the following list.

Alphabetical List of Products Manufactured in Canada, 1950

Items	Unit of measure	Quantity	Value
			$
Abrasive cloth	—	—	1
Abrasive paper	—	—	1
Abrasive wheels and segments	—	—	4,683,163
Absorbent cotton	—	—	1
Accelerators, synthetic	—	—	1
Acetic anhydride	—	—	1
Acetone	—	—	1
Acetylene in cylinders or pipe line	cu. ft.	218,755,659	4,154,876
Acid, acetic, glacial, 99½%	—	—	1
Acid, calcium phosphate	—	—	1
Acid, cresylic	—	—	1
Acid, fatty, cocoanut, tallow, etc.	lb.	7,112,485	940,335
Acid, hydrochloric (muriatic)	—	—	1
Acid, hydrofluosilicic	—	—	1
Acid, monochloro acetic	—	—	1
Acid, nitric	—	—	1
Acid, phosphoric	—	—	1
Acid, stearic	—	—	1
Acid, sulphuric	lb.	1,408,560,772	6,474,194
Acids, not specified	—	—	546
Adhesives, n.e.s.	—	—	788,245
Advertising matter, printed, n.e.s.	—	—	31,877,381
Advertising novelties and displays (see "Displays" and "Novelties")			
Agitators, mining and metallurgical	—	—	20,682
Agricultural implements and parts, n.e.s.	—	—	17,887,596
Air conditioning equipment	—	—	1,795,003
Aircraft, including parts and repairs	—	—	32,530,394
Albumen, (included in "Egg substitute")			
Alcohol, butyl	—	—	1
Alcohol, industrial, produced	pr. gal.	6,474,056	1,912,519
Alcohol, industrial, (sold):			
Denatured:			
Antifreeze	st. gal.	1,046,790	1,058,458
Perfume manufacturing	" "	262,342	229,231
Rubbing alcohol	" "	132,163	113,017
Solvents and cleaning fluids	" "	1,808,644	1,265,267
Other, including that for hospitals, research, etc.	" "	585,578	503,126
Not denatured	" "	3,548,958	1,462,980
Alkylate	—	—	1
Alkylation feed stocks	imp. gal.	2,656,360	757,100
Alloys, cutting	—	—	1
Alloy, die casting	lb.	11,302,349	2,048,611
Almond paste	"	90,937	33,173
Alumina, fused (crude)	ton	126,923	12,197,308
Alumina, fused (abrasive grains)	—	—	1
Aluminum bars, rods and ingots	—	—	1
Aluminum fluoride	—	—	1
Aluminum hydrate, dried	—	—	1
Aluminum sulphate	—	—	1
Aluminum products, not elsewhere specified	—	—	1
Ammonia, anhydrous	—	—	1
Ammonia, aqua	—	—	1
Ammonia, liquid	—	—	1
Ammonia, powder	lb.	3,072,885	197,363
Ammonium chloride	—	—	1
Ammonium hydroxide	—	—	1
Ammonium nitrate	—	—	1
Ammonium phosphate	—	—	1
Ammonium sulphate	ton	212,005	8,737,929
Ammunition (See "Munitions and war supplies")			
Amyl acetate	—	—	1
Anti-freeze preparations, glycol type	st. gal.	4,064,668	10,670,840
Anti-freeze, alcohol type (see Alcohol, industrial, denatured, sold)			
Apple butter	lb.	32,509	3,344
Apple juice (Included in "Fruit juices")			
Apple juice concentrate	—	—	1
Apple pomace, chop and waste	lb.	3,069,314	83,042
Apples, evaporated and dehydrated	lb.	4,616,652	947,792
Aprons, oiled and rubberized	doz.	21,068	156,154
Aprons, fabric:			
Children's	doz.	13,270	97,072
Men's and youth's	"	15,118	147,446
Women's and misses'	"	196,256	947,627
Not specified, including artificial leather	"	14,503	79,790
Aprons, plastic	—	—	370,548
Armlets and sleeve supporters	—	—	84,790
Artware, pottery (See also "Pottery")	—	—	143,549
Art needlework	—	—	187,712
Art work (printing)	—	—	2,855,233
Asbestos products, including clutch facings	—	—	4,522,712
Asphalt	imp. gal.	145,793,661	18,264,558
Asphalt, emulsion	gal.	11,414,974	1,714,279
Asphalt products, n.e.s.	—	—	236,277
Atomizers	—	—	1
Automobiles, commercial:			
5,000 lbs. or less:			
For sale in Canada	No.	49,115	60,999,230
For export	"	4,363	2,862,866
5,001 to 10,000 lbs.			
For sale in Canada	"	22,547	31,539,115
For export	"	1,290	998,498

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1950 — Continued

Items	Unit of measure	Quantity	Value
			$
Automobiles, commercial — concluded:			
10,000 to 14,000 lbs.:			
For sale in Canada	No.	7,062	11,504,727
For export	"	2,344	2,325,137
14,000 to 16,000 lbs.:			
For sale in Canada	"	12,650	23,769,776
For export	"	1,197	1,081,651
16,001 to 19,500 lbs.:			
For sale in Canada	"	2,605	7,258,369
For export	"	1	4,035
19,501 to 26,000 lbs.:			
For sale in Canada	"	1,191	4,234,280
For export	"	5	18,783
Over 26,000 lbs.:			
For sale in Canada	"	888	4,688,584
Automobiles, passenger:			
Convertible cars:			
Coupe, roadster:			
For sale in Canada	"	2,495	4,799,725
For export	"	35	67,708
Permanent closed cars:			
Coupe:			
For sale in Canada	"	22,547	36,641,604
For export	"	500	692,275
2 Door Sedan:			
For sale in Canada	"	68,744	105,647,162
For export	"	154	257,643
4 Door Sedan:			
For sale in Canada	"	162,914	273,593,887
For export	"	8,534	9,373,719
Other closed:			
For sale in Canada	"	2,779	5,738,831
For export	"	18	38,057
Chassis (sold without bodies):			
For sale in Canada	"	2	1,711
For export	"	15,354	10,176,860
Buses or coaches:			
Complete:			
For sale in Canada	"	764	12,852,770
Chassis only	"	29	61,372
Automobiles, not specified	"	7	66,187
Automobile, bus and truck bodies and cabs	—	—	12,490,810
Automobile cloth	yd.	2,023,552	5,569,123
Automobile headlights and parts	—	—	3,839,108
Automobile parts and accessories (not specified)	—	—	143,131,292
Awnings, aluminum	—	—	342,014
Awnings and verandah curtains, fabric	—	—	1,740,073
Axes and hatchets	No.	629,922	866,771
Axles and shafts, automobile	—	—	8,574,785
Axles (not specified)	—	—	1
Babies' high chair sets, commodes and other baby supplies	—	—	699,811
Babbitt metal	lb.	4,202,607	1,634,590
Badges (included under "Regalia")			
Bags:			
Cotton	No.	50,459,749	12,345,940
Jute	"	64,043,115	16,906,928
Garment	doz.	25,330	449,950
Hand, leather	No.	580,160	2,909,737
Hand, other	—	—	4,599,977
Shopping, sports, etc., leather	No.	119,201	682,857
Shopping, sports etc., other	—	—	132,169
Sleeping	No.	15,742	383,077
Club bags, suit cases and other hand luggage	—	—	5,891,148
Tea bags, individual	—	—	1
School bags	No.	221,140	252,999
Fabric bags, not specified	—	—	849,076
Fabric bags, repaired	—	—	3,750,437
Bags, paper:			
Glassine and cellophane	—	—	4,304,636
Millinery, garment and laundry	—	—	1,101,536
Self-opening	—	—	6,441,021
Wedge	—	—	1,667,483
Paper, not specified (incl. multi-wall)	—	—	17,366,322
Bags, plastic	—	—	323,079
Bags, rubber, air and steam	No.	4,168	74,582
Bags, rubber and rubberized, n.e.s.	doz.	5,708	52,275
Bakers' equipment (See also "Machinery, bakers'")	—	—	91,722
Bale ties:			
Quantity made	ton	4,650	
Quantity sold	"	4,617	735,168
Ball and rod mills, grinding	—	—	1
Balloons	gr.	107,450	303,895
Balls, baseball	doz.	29,598	356,841
Balls, golf, complete	"	104,483	519,237
Balls, softball	"	23,574	260,065
Balls, other, including bladders, centres etc.	—	—	724,541
Barley, pot and pearl	—	—	248,985
Barn and stable equipment, not elsewhere specified	—	—	1,680,389
Barrels, wooden:			
Apple, etc.	No.	656,666	1,068,684
Fish, slack	"	53,274	73,337

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1950 — Continued

Items	Unit of measure	Quantity	Value
			$
Barrels, wooden — concluded:			
Fish, tight	No.	110,031	256,297
Flour, sugar etc.	"	79,269	121,878
Oil, vinegar, water etc.	"	164,306	1,007,257
Whiskey, beer, etc.	"	29,089	483,272
Barrels, steel	"	634,859	2,535,220
Barrels, repaired, etc.	—	—	241,448
Barrels, n.e.s.	—	—	36,250
Bars and ingots, aluminum (Included in "Aluminum bars, rods and ingots")			
Bars and rods, brass	—	—	1
Bars, iron and steel:			
Hot rolled, of all grades:			
Quantity made	ton	684,934	
Quantity sold	"	552,006	56,694,325
Cold rolled and cold drawn:			
Quantity made	"	34,318	
Quantity sold	"	34,883	7,159,937
Not specified	"	14,867	2,052,393
Basket bottoms	—	—	133,864
Baskets and crates, fruit and vegetable	—	—	3,352,152
Baskets, other, not specified	—	—	672,291
Bathing caps	doz.	44,426	193,627
Bathing shoes	—	—	1
Bathing suits	doz.	144,373	4,192,526
Bath mats and sets	"	6,654	132,913
Bathrobes, kimonos, lounging jackets etc.:			
Cotton:			
Women's and misses'	doz.	23,497	855,574
Children's	"	12,797	221,864
Rayon and silk:			
Women's and misses'	"	25,556	1,992,486
Men's and youths'	"	4,502	478,879
Children's	"	353	8,060
Wool and flannel:			
Women's and misses'	"	5,010	538,026
Men's and youths'	"	12,231	1,147,104
Children's	"	1,787	50,783
Not specified:			
Men's and youths'	"	3,377	207,001
Other	"	6,512	339,242
Bats, baseball	No.	290,790	217,779
Batteries:			
Storage, for automobiles and other internal combustion engines	No.	1,657,660	14,330,087
Storage, for railway service	No. of cells	16,061	622,795
Storage, for farm lighting plants	" " "	30,043	318,196
Storage, for telephone switch boards	No.	12,553	481,762
Storage, for all other purposes	"	33,276	1,352,442
Dry cell, 6 inch batteries	No. of cells	2,624,585	1,061,414
Dry cell, radio, for portable sets	" " "	15,514,944	814,125
Dry cell, radio, for non-portable sets	" " "	53,594,834	4,387,535
Dry cell, flashlight	" " "	33,110,118	2,316,529
Dry cell, hearing aid "A"	" " "	919,145	98,694
Dry cell, hearing aid "B"	" " "	1,452,095	69,081
Dry cell, all other			
Parts and supplies for batteries	—	—	2,926,095
Battery containers, covers, etc.	—	—	2,268,739
Batts, wadding, and rolls, including auto batts (See also "Flocks")	—	—	3,885,083
Bearings, ball, roller, and parts	—	—	5,082,119
Beauty parlour equipment (See also "Hair dressing accessories")	—	—	270,653
Beds and couches:			
Beds, metal	No.	155,747	1,969,030
Studio couches, metal and other	"	81,984	4,396,611
Couches, other than studio, metal	"	43,979	485,286
Cots and bunks, metal	"	69,777	533,613
Cribs, metal	"	22,736	258,811
Beds, camp	—	—	21,764
Bedspreads and bed sets:			
Cotton	No.	413,171	2,391,986
Silk, rayon and rayon mixtures	"	35,313	344,907
Not specified	"	7,077	75,194
Beef extract	—	—	1
Beekeepers' supplies, n.e.s.	—	—	284,084
Beer, ale, stout and porter (sales):			
Bottled and canned	gal.	128,551,566	195,017,125
Draught	"	42,504,067	43,686,430
Beer, spruce	"	85,280	56,851
Beet pulp, wet and dried	ton	145,417	2,473,403
Bells and gongs	—	—	1
Belting, leather (transmission)	lb.	381,599	1,334,496
Belting, rubber	"	7,577,341	6,264,887
Belts, automobile, fan	No.	1,765,153	981,522
Belts, body, not specified	—	—	2,854,910
Belts, rubber, for motors	—	—	1,912,306
Belts and aprons, sanitary	—	—	251,246
Benzol	Imp. gal.	7,187,037	2,291,745
Bicycles	No.	124,245	3,977,012
Bicycle parts	—	—	331,898
Billiard and bowling supplies, n.e.s.	—	—	1,414,414
Binders, loose-leaf and other	—	—	2,411,591
Binders, corn	—	—	1
Binders, grain	No.	6,147	2,306,723

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1950 — Continued

Items	Units of measure	Quantity	Value
			$
Binding and stitching (trade work)	—	—	1,678,162
Bindings (See also "Tapes"):			
Cotton	—	—	899,624
Silk, rayon and rayon mixtures	—	—	352,058
Other	—	—	27,534
Bins and hoppers	—	—	754,639
Biological products, n.e.s.	—	—	2,606,224
Biscuits, plain and fancy	lb.	164,755,583	50,062,934
Biscuits, soda	"	41,626,809	11,107,226
Black, acetylene	—	—	1
Blackboards, asbestos and other	—	—	29,907
Blankets:			
Cotton	pr.	1,900,956	
	lb.	5,886,164	5,844,940
Cotton mixed	pr.	293,128	
	lb.	1,373,524	1,638,325
Cotton warp	pr.	57,808	
	lb.	346,817	318,945
All wool	pr.	436,431	
	lb.	2,871,639	4,292,429
Other, including crib	—	—	1,015,459
Slumber throws	No.	130,696	529,182
Blankets, electric	"	15,342	357,184
Blankets, horse	"	15,616	126,795
Blankets, rubber, printers'	lb.	68,679	90,067
Bleaching compounds	—	—	1
Blinds, venetian (See "Shades and blinds")			
Blood, animal, dried, edible	lb.	935,059	38,404
Blood, animal, dried, inedible	"	3,608,223	215,392
Blooms, billets, slabs and sheet bars, (incl. blanks):			
Quantity made	net ton	2,446,884	
Quantity sold	" "	362,905	25,304,261
Blouses, women's, misses' and children's:			
Cotton, women's and misses'	doz.	108,689	1,856,853
Cotton, children's	"	84,496	990,212
Rayon, women's and misses'	"	176,439	4,836,544
Rayon, children's	"	9,039	187,534
Rayon mixtures, women's and misses'	"	204,317	5,631,527
Rayon mixtures, children's	"	4,891	92,133
Woollen, women's and misses'	"	12,361	444,893
Woollen, children's	"	303	7,171
Other, women's and misses'	"	37,275	1,214,714
Other, children's	"	603	7,697
Blow torches	—	—	1
Blowers for domestic furnaces	No.	29,670	861,896
Blue, laundry	—	—	80,717
Boats, life and whale	No.	147	149,915
Boats, motor	"	1,035	1,202,953
Boats, outboard motor	"	9,220	1,599,856
Boats, sail	"	186	120,659
Boats, other, incl. row boats, skiffs, etc., (See also "Canoes")	"	4,772	759,948
Boiler compound	—	—	1
Boilers, heating, all types	—	—	8,218,701
Boilers, power	—	—	6,696,797
Boilers, range and wash	No.	209,561	2,649,289
Boilers, not specified	—	—	587,708
Boiler and engine parts and accessories	—	—	1,715,483
Bologna, weiners and blood pudding,	lb.	86,588,811	28,816,385
Bolts, nuts and rivets	—	—	16,083,794
Bone meal and flour	lb.	8,920,300	330,247
Bone, raw, ground, etc.	"	41,507,293	832,899
Book cloth, pyroxylin coated (Included in "Fabrics, coated and impregnated")			
Books, printed and bound, chiefly for advertising	—	—	2,256,670
Books printed and bound, not chiefly for advertising	—	—	9,124,661
Books and pads, drawing, exercise, scribblers, etc., not elsewhere specified	—	—	2,363,053
Books, ledger and account	—	—	985,087
Books, counter, check, sales, etc.	—	—	2,388,343
Books, blank, bound, not specified	—	—	1,103,787
Boron carbide	—	—	1
Bottles, thermos	—	—	1
Bowling supplies (Included in "Billiard and bowling supplies"):			
Box toes	pr.	11,938,534	322,953
Boxes, mail	—	—	81,982
Boxes, paper:			
Corrugated including wrappers, etc. (See also "Wrappers")	—	—	55,271,152
Fibre board	—	—	1,685,083
Folding	—	—	35,766,608
Set-up	—	—	13,158,175
Not specified	—	—	83,818
Boxes, wooden:			
Apple	No.	882,254	345,017
Berry	"	27,597,666	319,420
Butter	"	1,483,289	803,582
Cheese	"	926,065	449,284
Cigar	"	1,549,447	297,678
Fish	"	1,238,478	754,871
Meat	"	1,080,794	608,849
Plywood	"	537,505	1,446,071
Veneer	"	3,726,556	3,056,823
Boxes wooden, not specified	—	—	4,220,677
Boxes other, not specified	—	—	563,249
Box panels, plywood	—	—	1

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1950 — Continued

Items	Unit of measure	Quantity	Value
			$
Braids and gimps	—	—	1,538,483
Brake fluid	gal.	294,004	765,530
Brakes, auto, and parts	—	—	3,716,264
Brake beams, (railway car)	—	—	501,076
Brakes, brake shoes and parts (railway car)	—	—	1,747,241
Bran	ton	289,099	15,370,331
Brass ingots	lb.	21,053,139	4,394,439
Brass and bronze products, not specified	—	—	1,222,835
Bread	lb.	1,382,681,193	130,882,635
Breakfast foods (see "Cereal products")			
Brewery and distillery equipment, n.e.s.	—	—	635,735
Bricks, cement	M	61,971	1,946,578
Bricks, domestic clay	"	375,439	12,730,531
Bricks, sand-lime	"	46,993	1,074,955
Briquettes, coal and coke	—	—	1
Bristles	—	—	1
Bronze ingots	lb.	10,133,217	2,273,877
Brooms:			
Corn	doz.	269,887	2,700,627
Fibre	"	27,898	254,312
Hair	"	5,613	150,366
Toy	"	8,402	24,813
Other	"	3,322	55,605
Brushes:			
Made of corn or fibre	"	149,778	40,211
Clothes	"	28,257	176,371
Cosmetic	"	81,094	386,499
Generator and motor	—	—	638,857
Hair	doz.	65,280	594,690
Nail	"	62,151	111,268
Paint	"	472,185	3,994,539
Shaving	"	39,916	375,282
Shoe	"	24,466	98,907
Tooth	"	429,227	641,603
For household purposes	"	598,487	1,621,313
For industrial use	"	192,143	1,151,168
Other, not specified	"	234,256	547,966
Brush blocks, backs etc.	—	—	35,774
Buckles, clips, etc.	—	—	332,550
Buffing composition	—	—	74,643
Buffing wheels	—	—	1
Buffs, polishing, cotton	—	—	1,337,211
Building blocks, hollow, cement, cinder, sand-lime, etc.	—	—	15,860,064
Bungs, barrel	—	—	34,188
Buns	—	—	22,692,546
Burners, not specified	—	—	122,947
Butane	—	—	1
Butter, factory made	lb.	261,464,002	144,360,955
Butter, whey, factory made	"	2,200,753	1,050,488
Buttons:			
Celluloid	gr.	92,215	399,379
Covered	"	80,939	157,145
Plastic	"	804,863	717,179
Metal	"	1,262,884	373,276
Moulded	"	3,328,625	970,903
Pearl	"	231,680	307,857
Not specified	—	—	520,521
Button covering, hemstitching, etc.	—	—	1,256,916
Butyl acetate	—	—	536,504
Cabinets, ice cream	—	—	3,127,892
Cabinets, phonograph and radio	No.	224,742	5,223,952
Cabinets, shower, etc.	—	—	457,838
Cabinets, silverware	—	—	865,367
Caffeine	—	—	1
Calcium carbide	—	—	1
Calcium chloride	—	—	1
Calcium cyanamide	—	—	1
Calcium manganese silicon	—	—	1
Calcium naphthenate	—	—	1
Calcium silicon	—	—	1
Calks, horseshoe	—	—	61,651
Camel back	lb.	3,679,837	1,491,973
Cameras and kodaks	—	—	1
Candles and cierges:			
Household	—	—	346,352
Church, chapel and synagogue	—	—	1,590,514
Wax lights in tumblers	gr.	3,564	25,562
Candy sticks	M	157,190	91,994
Canoes (See also "Boats")	No.	3,143	328,875
Cans, metal, cream and milk	"	42,357	188,200
Cans, metal, for food	—	—	53,784,846
Cans, metal, non-food	—	—	9,377,333
Cans, metal, garbage and ash	—	—	901,030
Cans, paper or fibre with metal ends	—	—	2,807,364
Canvas and canvas goods, not elsewhere specified	—	—	41,933
Capacitors, (static condensers) for power factory correction	—	—	278,795
Caps:			
Cloth	doz.	165,280	1,901,234
Cotton	"	90,883	256,994
Fur	"	2,531	62,576
Leather	"	6,218	91,738

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1950 — Continued

Items	Units of measure	Quantity	Value
			$
Caps — concluded:			
Sport	doz.	78,997	670,363
Uniform	"	27,891	550,868
Not specified	"	42,735	94,893
Caps, bottle:			
Metal, beverage	—	—	9,366,415
Metal, other	—	—	497,198
Paper, milk bottle	M	1,570,882	1,242,969
Plastic	—	—	564,089
Not specified	—	—	557,418
Carbon dioxide (cylinders and solid)	—	—	1
Carbon bisulphide	—	—	1
Carbon products, not specified	—	—	437,197
Carboxel (sodium carboxymethyl cellulose)	—	—	1
Cards, greeting	—	—	9,964,740
Cards, playing	—	—	1
Cards, visiting	M	35,607	80,423
Carpets, mats, and rugs:			
Carpets in rolls, including stair:			
Axminster	carpet yard	671,986	2,866,927
Tapestry	"	362,102	1,145,284
Wilton	"	769,633	4,710,200
Other, not specified	"	114,369	412,322
Carpets in squares, 4'6" by 7'6" or larger:			
Axminster	carpet yard	763,123	3,010,878
Wilton	"	77,409	453,023
Not specified	"	52,430	220,297
Small squares and runners:			
Axminster	carpet yard	51,452	221,070
Wilton	"	4,989	29,775
Other	—	—	142,703
Cocoa mats and matting	—	—	1
Rugs, wool, fluff, cotton, hooked, etc.	—	—	1,301,922
Rugs, made from old carpets	—	—	203,600
Carpet sweepers	—	—	1
Carriages, sulkies, etc., baby	No.	158,507	2,387,236
Carriages, doll	—	—	167,333
Carriages and wagons, complete (See also "Vehicles, sleighs, wagons and trucks")	No.	2,228	340,086
Carriages and wagon bodies and boxes	—	—	126,838
Carriage and wagon materials	—	—	155,025
Carriers, litter	—	—	1
Cars, steam, railway, new	No.	4,762	33,213,687
Cars, dump, hand, push and other, not specified	—	—	571,546
Cars, concrete	—	—	62,641
Carvings, wood and other	—	—	42,040
Casein, dried	lb.	4,309,002	1,054,230
Cases, clock	—	—	211,254
Cases, jewellery	—	—	963,342
Cases, key, card, utility, etc.	No.	1,111,270	783,761
Cases, portfolios, brief, etc.	"	162,523	1,124,605
Cases, toiletware	—	—	1
Cases, other, not specified	—	—	15,165
Caskets	No.	103,219	5,859,160
Casks, fish	"	64,906	178,007
Casks, other	"	1,122	3,852
Castings:			
Aluminum	lb.	9,825,770	5,173,530
Brass	"	32,140,434	10,284,442
Bronze	"	4,372,103	2,358,505
Copper	"	267,234	133,324
Die	—	—	7,620,103
Grey iron	ton	271,063	44,054,509
Magnesium	—	—	520,113
Malleable iron	ton	32,218	8,117,237
Iron, not specified	—	—	709,826
Lead	lb.	210,633	53,111
Steel:			
Quantity made	ton	85,504	
Quantity sold	"	80,008	26,408,639
Castings, not specified	—	—	1,754,282
Castors, all kinds	—	—	994,199
Catalogues, printed, etc.	—	—	11,657,042
Catsup (See "Tomato Catsup")			
Caulking materials	—	—	1
Ceiling and siding, metal	ton	977	250,006
Cellulose products, n.e.s.	—	—	1
Cement, asbestos	lb.	1,604,464	80,577
Cement, Portland (including containers	—	—	38,200,513
Cement, linoleum	—	—	324,005
Cement, rubber	—	—	382,926
Cement, not specified	—	—	1,836,254
Cement products, not specified	—	—	1,156,968
Cereal products, prepared, ready to serve	lb.	67,772,366	14,794,980
Cereal products, unprepared	"	20,157,244	1,893,578
Cereal products, n.e.s.	ton	2,153	221,377
Cerium	—	—	1
Certificates, stock, bond, etc. printed	—	—	1,944,618
Chains, automobile	—	—	1,347,098
Chains, other than automobile, (including sprocket chain)	—	—	4,298,557
Chamois products	yd.	481,862	447,539
Chaplets, foundry	—	—	305,251

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1950 — Continued

Items	Unit of measure	Quantity	Value
			$
Charcoal	—	—	1
Cheese, Canadian cheddar	lb.	97,654,098	27,979,505
Cheese, other, whole milk	"	4,928,167	2,344,771
Cheese, skim milk and cottage	"	7,384,714	1,128,093
Cheese, process	"	36,504,593	15,328,496
Cheesecloth	—	—	214,815
Chemical products, not elsewhere specified	—	—	3,705,744
Cheques, notes, drafts, bank notes, etc. printed	—	—	2,559,259
Chests, cedar and other	No.	45,716	1,469,736
Chewing gum	boxes	13,358,914	7,732,938
Chicken, canned (See "Meats, canned")			
Chicory, roasted	—	—	1
Children's sleepers	doz.	48,342	603,434
Children's wear, n.e.s.	—	—	268,294
Chloride of lime	lb.	1,869,074	112,935
Chlorine, liquid	—	—	3,272,693
Chloroform	—	—	1
Chocolate coating:			
Chocolate liquor	—	—	1
Chocolate sweetened:			
For own use	lb.	16,728,423	
For sale	"	16,882,620	5,829,925
Choppers and grinders, food	—	—	424,962
Churns	—	—	1
Cider (for sale)	gal.	56,427	35,357
Cigars	M	198,987	14,467,354
Cigarettes	"	17,311,062	266,821,398
Classifiers, metal-working	—	—	88,510
Clay, bentonite and other	—	—	607,179
Cleaners, vacuum and parts	—	—	8,869,826
Cleaner, hand	lb.	861,053	141,988
Cleaner, automobile, fabric, floor etc.	—	—	564,938
Cleaning and scouring powders and pastes	lb.	26,192,489	2,243,458
Cleaning preparations, n.e.s.	—	—	1,897,106
Clips and staples, wire	—	—	411,408
Clocks	—	—	3,914,890
Cloth, gummed	—	—	1
Clothes hampers	—	—	124,829
Clothes pins	gr.	888,436	578,514
Clothing, rubber, n.e.s.	doz.	6,014	254,513
Clothing, safety	—	—	303,105
Clothing, sport:			
Shorts:			
Women's and misses':			
Cotton	doz.	30,386	588,223
Rayon	"	6,751	145,434
Wool and wool mixtures	"	821	36,443
Not specified	"	8,587	218,000
Men's and youths':			
Cotton	"	29,165	749,237
Not specified	"	2,736	78,822
Boys':			
Cotton	"	7,172	111,333
Other	"	3,430	74,519
Children's:			
Cotton	"	31,757	290,358
Rayon	"	2,291	29,679
Wool and wool mixtures	"	2,898	49,966
Other	"	3,437	49,531
Not specified	"	27,790	342,513
Slacks:			
Women's and misses':			
Cotton	No.	166,280	332,357
Rayon	"	274,844	880,775
Wool and wool mixtures	"	213,985	955,232
Not specified	"	673,903	1,894,677
Men's and youths' (See "Pants and slacks")			
Children's:			
Cotton	"	252,854	470,961
Rayon	"	33,248	79,719
Wool and wool mixtures	"	222,960	486,997
Other	"	30,898	46,176
Not specified	"	12,300	90,618
Suits, sport:			
Ski and snow suits:			
Women's and misses'	doz.	5,654	346,251
Children's	"	45,951	2,184,930
Not specified	"	548	11,720
Other sport suits:			
Women's and misses':			
Cotton	No.	9,084	45,298
Rayon	"	28,982	217,822
Wool and wool mixtures	"	6,051	52,559
Not specified	"	829	6,932
Children's:			
Cotton	"	7,043	49,417
Rayon	"	7,239	27,486
Wool and wool mixtures	"	7,396	38,224
Not specified	"	924	4,004
Clothing, sport (baseball, gym and athletic) (See also "Pants, hockey, soccer, etc.")	—	—	222,972
Clothing, sport, n.e.s.	—	—	171,681

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1950 — Continued

Items	Unit of measure	Quantity	Value
			$
Clothing, hospital	—	—	449,512
Clothing, military	—	—	75,577
Clothing, oiled and waterproofed	—	—	401,976
Clothing, plastic, n.e.s.	—	—	87,512
Clothing, not specified	—	—	1,348,973
Coats and jackets:			
Boys' overcoats and top coats	No.	59,816	561,001
Men's and youths' overcoats and top coats	"	710,678	19,989,193
Women's and misses' coats:			
Rayon	"	16,190	254,421
Woollen	"	1,542,092	35,441,531
Other	"	64,645	1,156,288
Children's coats:			
Woollen	"	632,246	4,858,591
Rayon and other, not specified	"	28,324	185,287
Station wagon coats:			
Women's and misses'	"	96,095	1,891,517
Children's	"	35,832	349,512
Not specified	"	20,256	492,670
Not specified:			
Woollen	"	44,256	1,142,180
Other	"	26,448	452,646
Boys' separate jackets:			
Woollen	"	44,418	315,779
Other	"	3,299	27,379
Men's and youths' separate jackets:			
Woollen	"	418,226	5,994,102
Other	"	55,408	482,459
Women's and misses' separate jackets:			
Woollen	"	144,307	1,084,667
Wool and cotton	"	13,092	88,115
Cotton	"	38,422	223,576
Other	"	9,965	92,928
Children's separate jackets:			
Woollen	"	136,664	430,828
Cotton	"	34,077	91,174
Other	"	13,991	45,791
Coats, blazers and jackets, not specified	"	50,196	286,421
Short coats (Windbreakers, mackinaws, parkas, leather coats, vests, etc.):			
Wool and mixtures:			
Men's and youths'	doz.	587,520	5,036,715
Boys'	"	172,440	705,799
Children's (under 14)	"	2,815	147,848
Women's and misses'	"	3,658	395,745
Not specified	"	19	1,554
Cotton:			
Men's and youths'	"	62,773	5,774,899
Boys'	"	23,266	1,658,819
Children's (under 14)	"	12,169	612,388
Women's and misses'	"	2,910	147,566
Not specified	"	1,476	160,014
Leather:			
Men's and youths'	"	7,616	1,209,313
Boys'	"	523	45,333
Not specified	"	8,752	320,660
Rayon:			
Children's	"	834	74,043
Women's and misses'	"	1,267	61,828
Other:			
Men's and youths'	"	30,831	2,344,704
Boys'	"	11,697	644,884
Children's (under 14)	"	5,178	240,584
Women's and misses'	"	6,311	476,771
Not specified	"	1,847	238,681
Rubber and rubberized coats and raincoats	"	17,684	888,798
Oiled and other waterproofed coats and raincoats	"	47,602	8,327,501
Brunch coats and house coats	"	13,848	581,609
Coats, fur:			
Children's	No.	279	13,848
Ladies' (coats and capes)	"	199,755	47,569,364
Men's	"	329	68,606
Coats, fur-lined	"	5,058	486,694
Coats and capes, plastic	"	15,963	272,671
Coat plates	—	—	1,333,318
Coating, industrial (plastic) (See also "Enamels, pipe-line")	—	—	189,962
Cobalt naphthenate	—	—	1
Cocoa (Made for sale)	lb.	9,855,192	3,315,228
Cocoa butter:			
Made for own use	lb.	6,790,192	
Made for sale	"	1,616,761	953,854
Cocoa and chocolate preparations, not elsewhere specified (for sale)	—	—	1,750,468
Cocanut, prepared and desiccated	—	—	1
Coffee-makers, glass	—	—	1
Coffee, roasted	lb.	66,218,436	53,200,585
Coffee substitute	—	—	1
Coffins	No.	7,253	154,995
Coffins and boxes (shells)	"	74,865	747,355
Coke, gas-house	ton	3,964,676	56,984,021
Coke, petroleum	"	122,191	1,140,603
Coke, pitch	—	—	1
Cold storage equipment (See also "Refrigeration) equipment")	—	—	265,778

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1950 — Continued

Items	Unit of measure	Quantity	Value
			$
Collars, men's	—	—	1
Collars, fur	No.	105,999	754,684
Colours, butter, cheese and other	—	—	477,112
Colours, dry	—	—	3,317,077
Colours, in oil and japan	—	—	338,334
Combs	doz.	2,434,084	1,149,632
Comforters:			
Cotton	No.	83,307	329,407
Down	"	12,232	223,798
Wool	"	47,667	276,328
Not specified	—	—	33,415
Communication systems (see "Radio communication equipment")			
Compacts, powder and rouge	—	—	1
Compressors, air	—	—	3,499,432
Concentrates used for soft drinks	—	—	2,020,089
Concrete, ready mixed	cu. yd.	1,322,539	12,546,581
Concrete products n.e.s.	—	—	236,000
Conduit, flexible, steel and non-metallic	ft.	2,334,693	121,984
Conduit, rigid:			
Aluminum	—	—	1
Electrical metallic tubing	lb.	2,557,000	668,167
Iron	"	28,616,000	4,035,937
Conduit fittings	—	—	1,971,703
Conduits and parts, not specified	—	—	1,223,180
Cones, ice cream	M	379,541	1,342,444
Cones and tubes, textile winding	—	—	1
Confectionery, chocolate:			
In bulk	lb.	14,965,201	6,558,410
In bars	doz.	62,182,655	28,297,598
In packages	lb.	22,820,792	16,080,169
Moulded chocolate novelties	"	754,328	534,081
Not specified	"	622,964	351,194
Confectionery, marshmallow:			
In bulk	"	407,910	95,523
In packages	"	4,247,855	1,485,567
Confectionery, sugar:			
In bulk	"	55,449,955	13,665,635
In bars	doz.	1,934,246	1,012,363
In packages	lb.	16,006,367	5,601,019
Penny goods	gr.	3,488,285	3,079,369
Lozenges	lb.	1,303,313	310,290
Not specified	"	79,145	52,018
Confectionery, toffee:			
In bulk	"	880,177	240,210
In packages	"	2,507,219	759,003
Confectionery, not specified	"	1,022,006	386,975
Confectionery mixes	—	—	1
Containers, n.e.s.	—	—	49,782
Control and starting equipment, n.e.s.	—	—	8,278,254
Converter equipment, electrical	—	—	2,900,245
Coolers, milk and other	—	—	3,685,071
Cooperage products, not specified	—	—	102,490
Copper alloys	—	—	1
Copper and copper products, n.e.s.	—	—	1,995,048
Cores for paper rolls n.e.s.	M. ft.	9,424	622,097
Cores for small paper rolls and mailing tubes	—	—	668,808
Cores, textile winding	—	—	1
Cores, lumber	—	—	1
Cork products, not elsewhere specified	—	—	357,935
Corn, cracked	ton	3,167	243,736
Corn for popping	—	—	1
Corsets, girdles, brassieres, etc.:			
Corsets and girdles	doz.	187,025	6,453,370
Combination garments	"	27,156	1,432,897
Bandeaux, brassieres, etc.	"	617,388	7,680,248
Suspender girdles, shoulder straps etc.	—	—	524,679
Corset steels and clasps	—	—	1
Cosmetic containers and other cosmetic accessories, n.e.s.	—	—	674,209
Cotter pins	—	—	1
Cotton fabrics:			
Unbleached or grey	lb.	73,299,935	60,656,834
	yd.	224,054,922	
Bleached or white	lb.	13,438,928	15,497,986
	yd.	49,874,850	
Yard and stock dyed	lb.	15,984,304	16,129,372
	yd.	38,972,828	
Piece dyed	lb.	22,898,516	27,877,665
	yd.	83,430,395	
Printed and painted	lb.	14,604,926	19,069,652
	yd.	62,298,255	
Pillow cotton	lb.	395,900	443,513
	yd.	1,122,883	
Sheeting	lb.	7,013,379	6,699,760
	yd.	11,714,394	
Towelling	lb.	1,161,441	1,467,501
	yd.	5,300,270	
Not specified	—	—	973,662
Counters, shoe	pr.	22,150,612	561,844
Couplings, flexible, etc.	—	—	199,728
Coverings, boiler and pipe, asbestos	—	—	1,892,881
Covers, canvas	—	—	1,798,269

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1950 — Continued

Items	Unit of measure	Quantity	Value
			$
Covers, couch, table and other furniture	—	—	656,791
Covers, mattress	doz.	12,294	195,860
Covers, stockinette, meat (See "Knitted fabrics")			
Covers, radiator, fabric	—	—	98,793
Covers, seat, automobile	—	—	2,224,076
Covers, not specified	—	—	663,574
Crayons, wax and chalk	—	—	321,501
Cream, whey, sold by dairy factories	lb. b.f.	852,554	412,317
Cream, sold in dairy factories	" " "	23,972,540	25,613,709
Cream transferred to branches of firms reporting	" " "	7,361,639	5,055,590
Cream of tartar, refined	lb.	157,728	114,498
Cream separators	No.	3,667	411,827
Cresols	—	—	1
Croquet sets	—	—	1
Cross arms	—	—	523,280
Crucibles, clay	—	—	1
Crushers, rock, and parts	No.	31	288,059
Cuffs, fur	pr.	416	3,565
Cultivators	No.	28,107	5,118,706
Cultivator parts	—	—	6,116
Cups, paper, baking, bonbon, etc.	—	—	449,958
Cups, paper, drinking	M	814,809	3,631,289
Curtains, shower	—	—	67,409
Curtains, fabric	—	—	2,481,065
Curtains and drapes, plastic	—	—	626,615
Curtain rods and fixtures	—	—	1,202,259
Cushions,	—	—	712,343
Cushion forms	—	—	88,464
Cushion tops	—	—	68,123
Cushions, mats and pads, air and sponge	doz.	1,544	29,551
Cutting blocks and tables, butcher	—	—	109,491
Cutlery, all kinds (see also "Flatware")	—	—	1,155,232
Dairy products, not specified	—	—	673,337
Dairy equipment, not specified	—	—	608,484
Decorations, including party favours, confetti, etc.	—	—	688,781
D.D.T.	—	—	1,419,207
Dentifrices	—	—	5,007,106
Dentists' supplies, not elsewhere specified	—	—	244,181
Deodorant	—	—	1,493,191
Desk sets	—	—	27,165
Detergents	—	—	9,119,480
Dextrine	—	—	r
Dextrose	—	—	1
Diaries, printed, etc.	—	—	201,754
Dibutyl phthalate	—	—	1
Decyandiamide	—	—	1
Dies, stamping, drawing and cutting	—	—	688,135
Dies, metal working, n.e.s.	—	—	2,026,467
Dies, aluminum	—	—	39,636
Dies, taps and stocks	—	—	359,598
Dies, rubber etc.	—	—	601,413
Dioctyl phthalate	—	—	1
Discs, agricultural (see "Ploughs")			
Dishcloths	doz.	487,622	440,747
Dishwashers, electrical, commercial	—	—	1
Disinfectants	—	—	595,254
Display, advertising	—	—	1,512,000
Display forms, mounting, etc.	—	—	1,617,150
Ditchers, blade	—	—	1
Distillers' grain (see "Grain, distillers'")			
Dog collars and harness	—	—	47,304
Doilies and dinner cloths, paper	—	—	410,822
Dolls, all kinds	doz.	141,871	2,451,649
Dolls' furnishings and parts	—	—	390,911
Doors, metal clad	—	—	964,514
Doors, veneer and plywood	No.	1,050,150	6,440,082
Doughnuts	—	—	7,837,332
Dowels	ft.	27,616	247,770
Down, processed (Included with "Feathers")			
Draperies and drapery material	—	—	524,249
Drapes, window, paper	—	—	1
Dresserware, plastic	—	—	203,328
Dresses, children's:			
Cotton	No.	2,076,534	3,428,846
Rayon and rayon mixtures	"	1,116,306	2,491,775
Velvet	"	10,307	49,926
Wool	"	124,297	509,096
Not specified	"	41,640	166,552
Dresses, women's and misses':			
Cotton (see also, "Coats, brunch coats, house coats, etc.")	"	5,432,202	13,352,144
Linen	"	2,907	23,805
Rayon and rayon mixtures	"	7,122,136	49,123,970
Velvet	"	26,866	322,725
Woollen	"	349,107	3,991,569
Not specified	"	17,673	200,945
Dressing gowns, negligees, (see "Bathrobes etc.")			
Dressing, salad	lb.	19,203,138	6,958,558
Dressings and finishes, leather, (not including polish)	—	—	939,344
Drilling machines (metal working)	No.	1,043	428,846
Drills, grain and fertilizer (combination)	"	34,090	10,561,667

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1950 — Continued

Items	Unit of measure	Quantity	Value
			$
Drills, grain, press and plain	No.	11,704	4,247,621
Drills, reamers, etc. incl. screw plates	—	—	7,751,969
Drills, mining and metallurgical	—	—	1,584,491
Drink mixers	—	—	1
Drives, V-belts	—	—	1,055,469
Druggists' sundries:			
Hot water bottles	doz.	30,271	244,560
Nipples and soothers	"	458,227	173,599
Ice caps and collars	"	3,313	34,774
Not specified	—	—	15,559
Drums, veneer, plywood and other	—	—	324,833
Dyeing, finishing, shrinking, etc.:[2]			
Dyeing and finishing of textiles	—	—	8,543,909
Dyeing and finishing of yarns	lb.	1,476,561	386,220
Dyeing and finishing of other products	—	—	540,687
Bleaching, sponging, dyeing, etc. custom	—	—	2,457,191
Dyes, blended and packaged	—	—	3,128,115
Dyes, leather	—	—	67,726
Ear muffs	—	—	29,190
Eavetrough and pipe	—	—	1,766,380
Economizers	—	—	1
Egg cases	No.	598,145	309,069
Egg case fillers	—	—	456,651
Eggs, frozen	—	—	1
Egg substitute, including powdered albumen	—	—	18,032
Elastic products, not elsewhere specified	—	—	822,662
Electric heating elements (sold separately)	—	—	2,196,700
Electrical apparatus, parts and supplies, not elsewhere specified	—	—	9,966,870
Electrical instruments and meters, except ammeters for autos	—	—	9,302,773
Electrodes, carbon and graphite	—	—	1
Electrotyping and stereotyping	—	—	5,022,635
Elevators, freight and passenger	—	—	9,277,226
Elevator parts	—	—	139,037
Embalming fluid	—	—	205,115
Embossing	—	—	256,747
Embroideries and laces	—	—	3,625,673
Enamels, oils and synthetic	Imp. gal.	6,086,537	25,982,833
Enamels, pipe-line	—	—	1
Engines, aircraft	—	—	1
Engines, auto	—	—	1
Engines, auto parts	—	—	1
Engines, diesel	No.	80	2,127,834
Engines, gasoline, marine type	"	28,310	4,578,888
Engines, gasoline, other type	"	34,731	3,711,233
Engines, steam, including steam turbines	—	—	890,369
Engine parts	—	—	2,014,704
Engraving (trade work)	—	—	357,291
Ensilage cutters	—	—	143,050
Ensilage and forage harvesters	—	—	1
Envelopes, made	M	3,496,146	10,077,478
Envelopes, printed	—	—	5,254,946
Escalators	—	—	1
Ethyl acetate	—	—	1
Excelsior, paper	ton	2,880	135,626
Excelsior, wood	"	8,013	350,825
Excelsior, wrappers, mats and pads	No.	15,567,160	311,684
Explosives	lb.	129,985,358	16,970,844
Extracts, flavouring (bakers', confectioners', household, etc.)	—	—	3,816,668
Extracts, flavouring, etc. (used for soft drinks)	—	—	2,252,589
Eyes, artificial	—	—	1
Fabrics, coated and impregnated, including felt saturated, book cloth and shoe materials	—	—	3,565,902
Fabrics, rubberized and waterproofed	—	—	657,748
Fabrics, other	—	—	2,265,559
Face cloths	doz.	1,159,724	1,219,609
Facial tissue (see "Tissues, cleansing")			
Facing and parting, foundry	—	—	372,026
Fanning mills	No.	2,098	243,217
Fans, electric	"	166,110	1,708,114
Farm equipment	—	—	1,889,300
Fasteners, zipper	ft.	51,458,342	5,969,918
Fasteners, other than zipper	—	—	624,815
Fats, animal, n.e.s.	—	—	40,658
Feathers, millinery	—	—	779,438
Feed, chopped etc.	ton	487,613	30,597,329
Feed cutters and mixers	No.	139	42,087
Feed, poultry	ton	807,903	68,483,714
Feed, stock	"	913,020	67,957,752
Feed, stock and poultry, n.e.s.	"	23,716	1,844,297
Felt, coated and saturated (included in "Fabrics, coated, etc.")			
Felt, cotton	lb.	6,957,653	994,177
Felt, harness and athletic	"	553,217	384,655
Felt, industrial and automotive, (uncut)	"	3,864,408	869,819
Felt, insoling, uncut	"	173,822	89,838
Felt, padding and lining	sq. yd.	933,770	428,916
Felt, paper (see "Paper, building and roofing")			
Felt, shoe and gaiter	sq. yd.	509,135	574,886
Felt, for pulp and paper making	—	—	9,654,244
Felt, n.e.s.	—	—	2,523,102
Fences, electric	No.	10,463	99,144
Fencing, steel wire:			
Farm fence	ton	16,041	2,428,594

1. Indicates that the commodity was reported by only one or two concerns.
2. Does not include fabrics dyed or bleached by firms maintaining a dyeing and finishing department of their own.

Alphabetical List of Products Manufactured in Canada, 1950 — Continued

Items	Unit of measure	Quantity	Value
			$
Fencing, steel wire — concluded:			
Lawn fence	ton	1,504	348,365
Chain link fabric	"	3,317	849,455
Fencing, snow	—	—	566,718
Fencing, other	—	—	14,842
Ferric chloride	—	—	1
Ferro-alloys, (ferro-silicon, ferro-chrome, ferro manganese, silicon spiegel, etc.)	ton	181,213	23,422,649
Fertilizers	"	669,939	26,518,993
Fertilizer sowers	No.	504	88,200
Fibre, staple (rayon)	—	—	1
Fibre glass products	—	—	322,763
Files and rasps	—	—	1
Filing system supplies	—	—	2,824,139
Filling, pie, apple	lb.	4,188,486	408,036
Filling, pie, other than apple	"	5,233,279	783,844
Filling, pie, powder (see "Powder, pie filling")			
Fillings, not specified	"	316,226	50,451
Films, motion picture	—	—	1
Films, photographers' including X-ray films	—	—	1
Filter discs, etc.	—	—	594,459
Filters, mining and metallurgical	—	—	1
Filters, oil, auto:			
Complete	No.	426,911	750,668
Elements, only	"	3,116,804	2,277,595
Fire clay	—	—	55,449
Fire extinguishers and supplies	—	—	2,253,210
Fire fighting and fire protection equipment, not elsewhere specified	—	—	2,255,452
Fireplaces and furnishings	—	—	1,248,695
Fireworks (see "Pyrotechnics")			
Fish, canned	lb.	103,760,732	42,766,393[2]
Fish, otherwise prepared	—	—	18,937,019[2]
Fish, fresh, marketed for consumption, sold in factories	—	—	54,660,320[2]
Fishing nets and netting	—	—	1,992,182
Fishing tackle	—	—	1,978,390
Fixtures, lighting, exterior	—	—	1,630,766
Fixtures, lighting, commercial	—	—	8,143,547
Fixtures, lighting, industrial	—	—	3,743,840
Fixtures, lighting, residential	—	—	3,101,788
Fixtures, lighting, not specified	—	—	1,854,571
Flags and bunting	—	—	240,774
Flashlights and cases	—	—	910,191
Flatware, electro-silver plated and sterling. (see also "Cutlery")	—	—	10,199,442
Flint for lighters	—	—	348,956
Flocks	lb.	11,599,751	820,090
Floor cleaning equipment, n.e.s.	—	—	99,253
Floor covering, including oilcloths, etc.	—	—	1
Flooring, hardwood	M ft. b. m.	77,182	12,577,336
Floor tile and joists, steel	—	—	1
Flotation machines	—	—	1
Flour, barley	—	—	1
Flour, buckwheat	ton	287	33,651
Flour, corn	"	1,743	186,526
Flour, diabetic	—	—	1
Flour, potato (see "Starch and flour")			
Flour, prepared and self-raising, cake mixes, pie crust, etc.	lb.	43,847,900	6,173,214
Flour preparations for sausage fillings	"	5,297,193	641,622
Flour, soya bean	—	—	1
Flour, wheat:			
Spring No. 1 patent including Semolina	bbl.	3,544,138	35,009,334
Spring No. 2 patent	"	5,323,897	48,597,870
Spring No. 3 patent	"	8,689,179	79,893,053
Ontario winter	"	1,319,465	11,666,632
Low grade flour	"	573,761	4,709,606
Durum Semolina	"	311,752	2,877,335
All other	"	570,777	4,758,006
Flour, graham or whole wheat	—	—	2,318,883
Flour, rice	—	—	1
Flour, rye	ton	2,998	360,594
Flowers, artificial	—	—	1,888,808
Flue linings	—	—	819,864
Fly pads and paper	—	—	1
Fly swatters	—	—	1
Foil, tin, lead and aluminum	—	—	11,365,462
Folding (trade work)	—	—	233,490
Food drinks, liquid (see also "Powders" and "Milk, chocolate")	gal.	2,801,265	2,101,807
Food, fox, dog, etc.:			
Fox biscuits	ton	72	7,925
Dog biscuits	"	3,459	663,481
Fox and dog biscuits	"	65	14,338
Canned dog and cat food	"	23,926	4,724,560
Other dog and cat food	"	7,508	1,324,658
Other fox food	"	3,568	395,403
Mink and other animal food	"	12,841	1,233,837
Food, stock and poultry n.e.s. (see "Feeds")			
Food mixers	No.	78,303	1,929,135
Food, infant, canned	lb.	28,455,294	7,464,531
Food, infant, other including pre-cooked cereal	—	—	1
Food products, not specified	—	—	749,939
Foots, vegetable oil	lb.	17,433,074	184,030
Footwear, leather: (see also "Slippers")			
Felt upper (including felt slippers):			
Babies'	pr.	46,986	56,189

1. Indicates that the commodity was reported by only one or two concerns.
2. Exclusive of Newfoundland.

Alphabetical List of Products Manufactured in Canada, 1950 — Continued

Items	Unit of measure	Quantity	Value
			$
Footwear, leather, (see also "Slippers") — concluded:			
Felt upper (including felt slippers):			
Boys'	pr.	78,227	139,533
Children's, including little gents	"	90,641	110,001
Men's	"	354,228	735,547
Youths'	"	9,405	17,024
Misses'	"	75,724	131,962
Women's and growing girls'	"	155,515	211,141
Leather or fabric upper:			
Babies'	"	2,696,264	4,093,097
Boys'	"	939,023	3,077,787
Children's	"	1,733,951	3,829,755
Misses'	"	2,213,694	5,359,111
Men's	"	6,639,469	36,261,013
Youths'	"	283,400	902,691
Women's and growing girls'	"	12,854,998	46,753,612
Footwear, moccasins, including shoe packs:			
Babies'	"	22,056	16,615
Boys'	"	15,160	26,286
Children's	"	3,120	3,274
Men's	"	59,759	156,438
Youths'	"	2,792	3,750
Women's, misses' and growing girls'	"	87,527	183,478
Not specified	—	—	991,390
Footwear, rubber:			
Knee and hip boots, all rubber	pr.	1,812,055	4,891,373
Lumbermen's boots, all rubber	"	537,214	1,433,437
Lumbermen's boots, leather tops	"	208,948	1,295,688
Overshoes and goloshes, cloth uppers	"	1,624,622	5,303,631
Overshoes and goloshes, all rubber (lined and unlined)	"	3,249,911	9,086,380
Light and heavy rubbers	"	3,733,955	3,849,006
Rubber bottoms for leather tops	"	290,773	663,561
Utility footwear with canvas or other fabric tops	"	3,664,013	6,199,611
Forgings, including drop, shell, etc.	—	—	14,908,889
Forks, farm implements	No.	404,990	529,532
Forms, continuous, printed	—	—	9,135,085
Fountains, soda and lunchette equipment	—	—	1,169,081
Frames and cases, spectacle	—	—	1
Freezers, ice cream	—	—	1
Freezers, individual, home and farm	No.	4,119	1,383,759
Fringes, cords and tassels	—	—	799,127
Frit, enamel	—	—	1
Fruit drinks	—	—	398,591
Fruit juices, canned, n.e.s. (see also "Grape Juice")	lb.	33,286,012	2,108,847
Fruit juices, other	—	—	153,452
Fruit peel, candied	lb.	2,854,621	720,356
Fruit pulp	—	—	1
Fruit, canned:			
Apples, including crab apples	lb.	16,922,502	1,375,783
Apple sauce	"	6,335,220	739,437
Apricots	"	4,929,079	984,571
Blackberries	"	101,624	17,788
Blueberries	"	580,786	123,243
Cherries	"	5,944,000	1,067,560
Loganberries	"	348,264	72,259
Peaches	"	39,142,706	5,920,352
Pears	"	29,075,511	4,826,411
Plums	"	11,757,397	1,132,274
Raspberries	"	1,739,241	404,484
Rhubarb	"	766,035	62,904
Strawberries	"	3,483,903	873,663
Other fruits, not specified (pineapple, fruit salad, etc.)	"	4,180,743	924,987
Fruits, fountain	"	1,658,752	498,550
Fruits, glacé	"	3,728,428	1,535,757
Fruits, maraschino cherries	"	2,778,459	1,403,273
Fruits, frozen for re-processing	"	9,872,271	1,708,435
Fruits, frozen, not for reprocessing	"	7,268,680	1,728,437
Fruits in SO_2 for re-processing	"	9,941,857	818,942
Fruits, not specified	"	1,049,233	225,232
Fuel, hog	(200 cu. ft.)	308,477	247,762
Funnels, sheet metal	—	—	37,516
Fur dressing and dyeing	—	—	6,514,772
Fur trimmings	—	—	2,048,179
Fur, remodelling, repairing etc.	—	—	5,826,098
Furnaces, electro-metallurgical	—	—	285,375
Furnaces, warm air	No.	100,760	13,829,954
Furnaces, industrial, other	—	—	1
Furnaces, not specified, and furnace parts	—	—	1,200,851
Furniture, wood:			
Camp, lawn and verandah	—	—	692,606
Children's	—	—	1,843,983
Household:			
Bedroom	—	—	22,575,343
Breakfast room	—	—	1,564,945
Dining-room	—	—	4,612,387
Kitchen	—	—	6,031,228
Living-room (not upholstered)	—	—	5,893,933
Other	—	—	3,513,397
Office, store and restaurant	—	—	13,725,852
School, church, lodge, etc.	—	—	7,200,267
Other furniture and cabinet work, n.e.s.	—	—	5,325,212

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1950 — Continued

Items	Unit of measure	Quantity	Value
			$
Furniture, metal:			
Camp, lawn and verandah	—	—	398,585
Household (including chrome)	—	—	11,606,063
Office, store and restaurant, etc.	—	—	8,421,321
Other, not specified	—	—	2,008,574
Furniture, wood or metal:			
Living room (upholstered)	—	—	26,547,453
Not specified (upholstered)	—	—	2,691,368
Furniture, not specified:			
Camp, lawn and verandah	—	—	42,178
Not specified	—	—	185,238
Furniture frames and parts:			
Wood	—	—	2,874,863
Metal	—	—	112,141
Not specified	—	—	128,535
Furniture glides	—	—	15,392
Fuses and fuse wire	—	—	3,168,651
Gaiters, spats and leggings	—	—	106,038
Galvanized ware	—	—	1,861,810
Games, not specified	—	—	1,181,965
Garage equipment, n.e.s.	—	—	2,548,923
Gas made:			
Retort coal gas	M cu. ft.	10,744,310	
Coke oven gas	"	52,695,066	
Producer gas	"	1,406,331	
Water gas	"	9,195,640	
Other	"	871,638	
Gas sold	"	25,574,110	28,044,761
Gas used in own coke or gas plants	"	20,059,060	4,229,529
Gas used in associated metallurgical work	"	27,132,277	4,786,213
Gas, otherwise accounted for, but not sold	"	393,457	182,319
Gas, not accounted for	"	2,809,346	704,188
Gas, still, from petroleum refineries	"	15,112,661	7,361,952
Gas, oil, pintsch	"	45,236	608,006
Gasoline	Imp. gal.	1,600,095,904	269,252,387
Gates	No.	33,945	400,593
Gauges, pressure	—	—	413,463
Gauges, plug, ring, thread, etc.	—	—	166,930
Gears, rubber tired, truck, trailers, etc.	—	—	1,410,973
Gears, transmission	—	—	1
Gelatine	—	—	1
Generators:			
Alternating current	No.	162	11,588,274
Direct current	"	521	318,141
Generators, engine driven	—	—	1
Generator parts	—	—	437,890
Glass, bent	—	—	106,314
Glass, bevelled and polished edge, plates and sheets	—	—	1,068,818
Glass, chipped or etched	—	—	87,687
Glass, cut	—	—	1,310,295
Glass, leaded, including memorial windows	—	—	202,487
Glass, non-shatterable	—	—	9,742,039
Glass, pressed, blown and drawn including bottles, sealers, window, kitchenware, etc.	—	—	32,143,748
Glass vials and chemicals glass ware	—	—	407,104
Glass products, other, including windshield glass	—	—	1,582,626
Gloves and mittens, fabric, dress:			
Cotton, women's	doz. pr.	39,488	540,393
Chamoisette, women's and children's	" "	11,990	115,490
Rayon and silk, women's and children's	" "	92,486	704,867
Other including nylon, women's and children's	" "	35,760	375,978
Gloves and mittens, fabric, work:			
Cotton, men's	" "	648,292	2,008,132
Cotton, women's	" "	14,252	41,293
Not specified	" "	58,648	339,607
Gloves and mittens, fabric, not specified	" "	44,706	285,344
Gloves and mittens, knitted	" "	266,846	1,835,990
Gloves and mittens, leather, dress:			
Men's, lined	" "	71,178	1,541,299
Men's, unlined	" "	31,140	733,235
Women's and children's, lined	" "	26,034	307,589
Women's and children's, unlined	" "	43,420	799,613
Gloves and mittens, leather, work:			
Men's, lined	" "	63,502	837,244
Men's, unlined	" "	347,686	4,301,579
Women's and children's, lined	" "	42,574	471,826
Women's and children's, unlined	" "	6,021	52,236
Gloves and mittens, leather, sport (see also, "Sport gloves and mittens, baseball, hockey, etc.")	" "	10,557	102,012
Gloves and mittens, leather, not specified	" "	19,167	131,101
Gloves and mittens, fur and fur-lined	" "	711	13,623
Gloves and mittens, n.e.s.	" "	21,010	90,103
Gloves, rubber and rubberized	" "	213,105	989,162
Glucose	—	—	1
Glue (bone, hide, fish, and vegetable)	lb.	45,604,210	6,757,362
Glue stock	"	39,113,050	376,147
Gluten feed	—	—	1
Gluten, wheat	—	—	1
Glycerine, crude	lb.	2,357,559	675,927
Glycerine, refined	"	13,366,567	3,945,358
Glycerine substitute	—	—	1
Glycol, ethylene	—	—	1

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1950 – Continued

Items	Unit of measure	Quantity	Value
			$
Glycols, other	—	—	1
Goggles	—	—	1
Gold alloys	—	—	7,771,920
Gold, fine	—	—	1,031,323
Gold leaf	—	—	1
Golf supplies, including golf bags, clubs, heads, etc. (see also, "Balls, golf")	—	—	1,124,535
Grains, roasted	lb.	594,906	27,703
Grains, sold wet and dry (Breweries and distilleries)	ton	164,004	2,467,698
Granite, monuments	—	—	3,938,770
Granite, for building purposes	—	—	606,336
Granules, roofing	—	—	1
Grape concentrate	—	—	1
Grape juice	lb.	4,770,084	552,481
Graphite (Included in "Electrodes, carbon and graphite".)			
Grate bars and grating	—	—	412,515
Gravy preparations	lb.	426,630	188,837
Grease	—	—	729,372
Grease, lubricating	lb.	46,999,811	3,728,911
Grills and hot plates, electric	No.	216,285	824,334
Grinding machines (metal working)	—	—	103,403
Grinding balls	—	—	2,817,458
Guanidine nitrate	—	—	1
Gums, unvulcanized	lb.	1,128,774	416,696
Gymnasium supplies, not specified	—	—	102,829
Gypsum blocks and sheathing	sq. ft.	5,361,695	223,129
Hair, animal	lb.	5,473,704	1,964,490
Hair cloth	—	—	1
Hair nets	—	—	61,380
Hair goods, not specified	—	—	119,894
Hair dressing equipment and accessories	—	—	525,362
Halters, leather	No.	38,432	78,308
Hammers, forging	—	—	1
Hammocks	No.	10,523	46,917
Handkerchiefs	doz.	782,626	1,037,294
Handles, broom and mop	No.	11,087,941	615,469
Handles, long tool and axe	"	2,549,983	1,178,750
Handles, small tool	"	15,609,442	634,458
Handles, n.e.s.	—	—	780,058
Hangers, garment	—	—	967,368
Hardware, automobile	—	—	6,896,419
Hardware, builders'	—	—	10,710,363
Hardware, furniture	—	—	2,503,387
Hardware, harness and saddlery	—	—	288,414
Hardware, pole-line (see also "line material")	—	—	6,395,063
Hardware, trunk and suitcase	—	—	292,221
Hardware, not specified	—	—	3,983,358
Harness, double	set	928	86,327
Harness, single	"	1,544	76,545
Harness collars	No.	22,315	130,285
Harness parts	—	—	454,394
Harrows, disc (horse or tractor drawn)	No.	22,237	4,266,269
Harrows, drag and spring tooth	"	78,415	1,024,898
Harrow carts	—	—	1
Hassocks	—	—	290,007
Hat blocks	—	—	59,323
Hats, cotton:			
Men's	doz.	20,780	376,372
Women's	"	4,184	63,970
Children's	"	1,435	14,692
Hats, fur felt:			
Men's	"	107,751	5,171,118
Women's and children's	"	59,428	2,731,263
Hats, linen, women's and children's	"	2,040	39,304
Hats, wool felt:			
Men's	"	25,755	433,734
Women's	"	159,382	3,307,791
Children's	"	10,697	171,820
Hats, velour felt:			
Women's	"	13,787	712,653
Other	"	2,571	100,260
Hats, straw:			
Men's	"	3,069	86,160
Women's	"	125,950	4,183,085
Children's	"	32,142	207,275
Hats, panama	"	7,513	240,068
Hats, silk and rayon, women's and children's	"	6,099	155,837
Hats, velvet, women's and children's	"	12,117	324,235
Hats, wool, women's and children's	"	3,162	41,778
Hats, waterproofed	"	443	4,068
Hats, not specified:			
Men's	"	14,360	73,973
Women's	"	27,683	770,986
Children's	"	92	2,023
Tams, berets and turbans	"	18,812	208,547
Headwear, not specified	—	—	883,677
Hats and caps, fur	doz.	1,261	64,986
Hats, cleaned and reblocked	"	1,503	18,435
Hat bodies	"	246,487	2,210,871
Hatters' supplies, including hat linings	—	—	169,741
Hay carriers	—	—	1
Hay loaders	No.	6,674	1,079,047
Hay rakes, dump, tedders, etc.	"	15,943	2,303,098

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1950 — Continued

Items	Unit of measure	Quantity	Value
			$
Hay balers	—	—	1
Heading, barrel	—	—	605,984
Hearing aids	—	—	1
Heaters, air, electric	—	—	558,180
Heaters, auto and engine	No.	449,529	4,380,686
Heaters, boiler, feed, water	—	—	324,426
Heaters, electric, unit	No.	33,908	3,130,102
Heaters, water tank, coal, wood or oil	"	4,493	169,263
Heaters, water tank, gas	"	36,990	1,415,135
Heaters, water tank, electric	"	228,382	3,181,675
Heaters, not specified	—	—	165,550
Heating and ventilating equipment, not elsewhere specified	—	—	8,139,862
Hectograph composition	—	—	21,855
Heels, leather and wood	pr.	17,720,959	2,156,272
Heels, rubber and composition	"	15,510,978	1,555,657
Heel lifts	—	—	11,991
Helmets	—	—	132,050
Hides, all kinds	—	—	17,324,147
Hockey pucks	doz.	28,377	26,629
Hockey sticks	No.	1,443,744	1,045,345
Hoes, hand	"	238,068	213,038
Hoists	—	—	3,325,926
Hollow-ware, sterling silver	—	—	519,936
Hollow-ware and spinnings, brass and copper	—	—	48,263
Hollow-ware, electro-silver plated	—	—	2,815,208
Hollow-ware, other	—	—	56,526
Holster sets	—	—	1
Honey butter	—	—	1
Hooks, eyes, notions, etc., not elsewhere specified	—	—	297,384
Hoops, wooden	M	1,558	39,823
Hoops, steel and steel wire	"	6,114	159,987
Hooves and horns	lb.	1,080,796	32,593
Hormones, sex	—	—	1,435,401
Horseradish, prepared	lb.	266,095	132,674
Horseshoes	—	—	314,860
Hose, fire, cotton or linen	—	—	1
Hose, garden, koroseal	—	—	1
Hose, rubber, fire, radiator, steam, etc.	—	—	9,074,401
Hosiery:			
Cotton and cotton mixtures:			
Men's seamless:			
Work socks	doz. pr.	232,386	756,036
Fine socks	" "	250,455	1,257,545
Other (anklets, sports, etc.)	" "	373,535	1,464,475
Women's seamless:			
Full length stockings	" "	289,947	1,248,161
Other (anklets, sports, etc.)	" "	530,117	1,316,454
Children's seamless:			
Full length stockings	" "	294,876	1,059,472
Golfers	" "	66,514	296,905
Other	" "	1,095,036	2,534,354
Full fashioned (all types)	" "	92,320	841,445
Silk and silk mixtures, seamless and full-fashioned	" "	49,268	505,688
Rayon and rayon mixtures:			
Men's seamless	" "	49,601	252,635
Women's seamless	" "	61,906	220,882
Children's seamless	" "	128,803	338,798
Full-fashioned (all types)	" "	87,033	728,034
Nylon:			
Seamless	" "	286,481	2,131,175
Full-fashioned	" "	3,026,382	29,871,129
Wool and wool mixtures:			
Men's seamless:			
Work socks	" "	676,951	3,766,083
Fine socks	" "	716,575	6,797,771
Other	" "	353,139	3,220,912
Women's seamless:			
Full length stockings	" "	69,382	661,477
Other (anklets, etc.)	" "	105,013	479,901
Children's seamless:			
Full length stockings	" "	178,852	895,492
Golfers	" "	115,221	707,194
Other (half length, anklets, etc.)	" "	109,927	484,176
Hosiery, not specified	—	—	653,752
Houses, pre-fabricated	—	—	2,457,130
Humidifiers and air conditioners	—	—	681,159
Hydrants	—	—	741,660
Hydrogen	cu. ft.	106,103,532	361,222
Hydrogen chloride, anhydrous	—	—	1
Hydrogen peroxide	—	—	1
Hydrol	—	—	1
Ice, artificial	ton	886,809	3,917,749
Ice cream (factory)	gal.	22,717,126	34,611,112
Ice cream mix	"	1,126,426	1,692,833
Icings and icing paste n.e.s.	lb.	843,708	207,410
Implements, hand, n.e.s.	—	—	210,660
Incense	lb.	4,775	6,923
Incubators and other poultrymen's supplies	—	—	244,221
Infants' wear (see also "Knitted Infants' Wear")			
Infants' wear:			
Bibs	doz.	63,485	118,245

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1950 — Continued

Items	Unit of measure	Quantity	Value
			$
Infants' wear — concluded:			
Coats	doz.	17,703	1,267,836
Dresses	"	86,496	1,296,618
Diapers	"	52,446	133,471
Headwear	"	36,502	273,946
Nightgowns	"	45,562	221,121
Rompers	"	36,536	432,415
Sleepers	"	34,915	413,552
Sleeping bags	"	6,636	272,663
Slips	"	1,556	5,378
Not specified	—	—	34,260
Ingots (see "Aluminum", "Steel", "Brass", "Bronze")			
Ink eraser, liquid	—	—	1
Ink, printing and lithographing	lb.	22,556,861	8,769,128
Ink, writing	—	—	287,240
Ink, not specified	—	—	308,301
Insecticides	—	—	3,936,493
Instruments, scientific, n.e.s.	—	—	1
Insulating materials, n.e.s.	—	—	1,745,681
Insulators, porcelain and insulator parts	—	—	6,362,445
Interoffice communication sets excluding telephone apparatus provided	—	—	339,022
Iron, pig:			
Quantity made	ton	2,317,121	
Quantity sold	"	635,558	27,484,529
Iron and steel products, rolled, n.e.s.	"	60,563	5,002,375
Irons, electric	No.	516,809	3,170,420
Irons, gasoline	—	—	1
Ironers, electric	No.	19,129	1,527,935
Iron work, ornamental and architectural	—	—	7,814,457
Ironing boards	—	—	28,525
Irrigation equipment	—	—	194,912
Isobutylene	—	—	1
Jacks, auto	—	—	731,414
Jacks, hydraulic	—	—	1
Jams	lb.	76,618,143	13,036,113
Javelle water	—	—	4,440,961
Jellies	lb.	6,023,253	1,091,691
Jewellery	—	—	16,398,767
Jigs and fixtures	—	—	872,257
Jointers, woodworking	No.	3,902	196,891
Jute, jute paddings and jute yarn	—	—	1,664,266
Kegs, beer	No.	4,114	60,513
Kegs, fish	"	5,733	16,341
Kegs, nail, etc.	—	—	832,316
Kerosene	Imp.gal.	23,174,228	3,641,882
Kettles, electric	—	—	1,713,573
Kitchen equipment for hotels, cafeterias, etc.	—	—	479,978
Kitchenware, aluminum, including pressure cookers	—	—	8,311,971
Kitchenware and ovenware, glass, (Included with glass, pressed and blown)			
Kitchenware, other (see also "Woodenware, kitchen")	—	—	3,377,237
Knitted fabrics:			
Cotton stockinette, including meatwrap	lb.	1,206,178	1,448,741
Cotton, not specified	"	1,562,616	2,110,562
Nylon	"	161,092	926,637
Rayon	—	—	5,269,473
Wool	lb.	1,060,848	2,129,767
Other	—	—	967,631
Knitted goods, miscellaneous:			
Infants' jackets, booties, etc.	—	—	3,109,671
Not specified	—	—	127,900
Knitting, custom	—	—	671,019
Knives, machine	—	—	1,296,910
Knives, bread, paring, etc.	—	—	90,676
Labels, gummed paper	—	—	455,999
Labels, gummed cloth, etc.	—	—	76,798
Labels, fabric	—	—	1,001,679
Labels, printed	—	—	1
Laces, shoe, silk, cotton, etc.	—	—	1,153,389
Laces, shoe, leather	doz.pr.	5,520	4,672
Laces, corset	—	—	76,663
Lacquers	Imp.gal.	2,081,711	6,216,405
Lacrosse sticks	—	—	1
Lactose (see "Sugar of Milk")			
Ladders, step, extension, etc.	—	—	1,085,765
Lamps, incandescent, except therapeutic (Bulbs)	No.	103,086,840	13,371,032
Lamps, fluorescent (bulbs)	"	5,139,054	4,111,405
Lamps, electric:			
Floor:			
Incandescent	—	—	2,863,578
Fluorescent	—	—	1
Table:			
Incandescent	—	—	2,265,349
Fluorescent	—	—	37,783
Other:			
Incandescent	No.	128,777	377,218
Not specified	—	—	26,000
Lamps, other than electric	—	—	234,997
Lamp shades and wire frames	—	—	2,391,536
Lamp stands and lamp bases	—	—	1
Lanterns, including railway, marine, etc.	—	—	1
Land levellers	—	—	1

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1950 — Continued

Items	Unit of measure	Quantity	Value
			$
Lard	lb.	82,097,340	14,679,936
Lasts, trees, and shoe findings, not specified	—	—	974,873
Latex compounds	—	—	1
Lathes, metal-working	No.	245	916,168
Lathes, wood-working	"	2,711	61,208
Lath, metal	ton	4,262	1,136,902
Lath, gypsum	sq.ft.	214,714,308	5,855,077
Laths, wood	M	123,671	1,140,831
Lead, naphthenate	—	—	1
Lead, refined	lb.	44,496,397	6,988,966
Lead, red	"	3,158,454	656,756
Lead, white, dry	—	—	1
Lead, white, ground in oil	—	—	1
Lead, sheet	lb.	4,044,632	802,678
Lead products, n.s.	—	—	1,729,175
Leads for pencils	—	—	81,523
Leather:			
Belting	lb.	477,547	594,445
Bag, case and strap	sq.ft.	4,096,955	1,997,119
Garment	" "	2,944,199	956,388
Glove	—	—	3,857,136
Harness	lb.	710,271	453,513
Lace	"	141,094	171,716
Oil tanned, shoe-pack	"	315,663	99,897
Sole:			
Bellies	"	3,069,747	1,431,567
Bends	"	10,779,743	8,297,845
Shoulders	"	4,727,962	2,282,617
Upholstering	—	—	1
Upper Leather:			
Calf skins	sq.ft.	11,323,801	8,411,661
Cattle and horse hides	" "	41,495,468	17,491,003
Chrome splits	" "	11,025,313	2,354,716
Goat skins	" "	798,013	306,080
Sheep skins	" "	2,023,354	479,684
Wax splits	" "	535,798	151,496
Patent and enamelled shoe leather	" "	1,628,355	791,128
Other leather, not specified	" "	1,697,755	825,357
Leather splits, not specified	—	—	989,816
Leather, not specified	—	—	2,492,336
Leather, artificial	sq.yd.	4,279,236	4,352,998
Leather goods, not specified	—	—	224,995
Lecithin	—	—	1
Lemon butter and cheese	—	—	38,205
Lenses, optical	No.	1,617,157	2,790,781
Lenses, optical, contact	—	—	36,225
Life buoys, jackets, belts, etc.	—	—	261,397
Lighter fluid	—	—	441,537
Lighters, cigarette and parts	—	—	2,231,447
Lightning arresters n.e.s.	—	—	729,337
Lightning rods and supplies	—	—	380,617
Lime, quick (including value of containers)	—	—	12,908,198
Limestone (building and monument)	—	—	3,058,344
Line material including overhead trolley (see also "Hardware, pole line".)	—	—	1
Linings, brake, asbestos	—	—	2,347,274
Linings, glove and shoe	—	—	2,054,479
Linings, not specified	—	—	417,286
Litharge	lb.	9,280,018	1,340,582
Locomotives, diesel-electric, new	No.	98	16,489,397
Locomotives, standard steam railway, new	—	48	5,795,725
Locomotives and car parts n.e.s.	—	—	7,619,462
Looms, weaving	—	—	118,759
Lubricating systems, automobile and other	—	—	890,949
Lumber, matched	M ft.b.m.	253,302	20,898,630
Lumber, planed	"	2,569,114	192,799,913
Lumber, sawn	"	4,599,502	295,970,348
Lumber, not specified	—	—	5,836,874
Lye	—	—	1
Macaroni and spaghetti, canned	lb.	26,649,441	3,142,822
Macaroni, vermicelli, spaghetti, etc., dry	"	64,652,122	7,031,706
Machinery:			
Accounting machines	—	—	1
Adding and other calculating	No.	17,386	2,063,038
Bakers', mixing	—	—	472,312
Bakers', not elsewhere specified	—	—	313,253
Boring (metal-working)	No.	12	404,571
Bottlers'	—	—	1
Canning and parts	—	—	1,021,175
Cheese factory	—	—	1
Chlorinating	—	—	1
Cleaning and pressing (included in "Laundry, cleaning and pressing")			
Coal handling and coal pulverizing	—	—	775,610
Concrete and cement making	—	—	1,086,289
Conveying and elevating (except passenger and freight elevators) and parts	—	—	7,927,950
Dairy, including milking machines	—	—	3,074,854
Flour and grist mill, not elsewhere specified	—	—	243,021
Grain grinding, cleaning, etc.	—	—	207,956
Grain loaders and elevators	—	—	2,158,143
Hoisting, except mine hoists	—	—	5,732,212
Kitchen and other household	—	—	804,102
Knitting	—	—	1

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1950 — Continued

Items	Unit of measure	Quantity	Value
			$
Machinery — Concluded:			
Laundry, cleaning and pressing	—	—	2,433,585
Leather working	—	—	1,362,059
Logging	—	—	1,913,844
Lumber and shingle drying	—	—	1
Metal-working, not elsewhere specified	—	—	85,905
Metering (power plant)	—	—	1
Milking (included in "Machinery, Dairy")			
Milling (metal-working)	—	—	1
Mining and metallurgical, not elsewhere specified, and parts	—	—	4,449,020
Office, n.e.s.	—	—	5,144,183
Oil refining	—	—	1,535,693
Plastics	—	—	226,895
Printing	—	—	293,131
Pulp and paper	—	—	14,685,961
Refrigerating	—	—	3,694,948
Road and excavating	—	—	4,239,360
Rolling mill	—	—	867,346
Rubber mill	—	—	687,002
Saw and planing mill	—	—	2,255,550
Sewing	—	—	1
Ships' and fittings	—	—	628,608
Stone working	—	—	442,019
Textile, n.e.s.	—	—	556,562
Transmission	—	—	1,296,223
Washing machines:			
Electric	No.	283,236	27,160,034
Hand	"	2,559	40,228
Other power	"	15,329	1,962,579
Parts and accessories	—	—	443,749
Water softener equipment	—	—	1
Wood-working, n.e.s.	—	—	521,613
Other, not specified	—	—	10,302,132
Machinery parts, not specified	—	—	284,907
Malt, made for sale	—	—	1
Malt, caramel (made for colouring)	—	—	1
Malt flour	lb.	1,014,819	92,746
Malt extract and syrup	—	—	1,019,928
Malt coomings and sprouts	—	—	376,077
Manganese naphthenate	—	—	1
Mantles, lamp	—	—	1
Manure spreaders and loaders	No.	7,132	1,527,122
Maple butter	—	—	1
Maps	—	—	657,802
Marble chips and dust	—	—	4,708
Marble, monuments	—	—	683,915
Marble, for building purposes	—	—	446,183
Margarine	lb.	94,032,000	25,773,983
Marine and fishermen's supplies	—	—	308,283
Markers, animal, poultry, etc.	—	—	1
Marmalades	lb.	19,530,171	3,042,882
Match splints and match blocks	—	—	1
Matchers (wood-working)	No.	16	287,998
Matches	—	—	3,655,875
Mats and matting, rubber	—	—	3,075,731
Mattresses	—	—	16,120,057
Mattresses, air and sponge	—	—	1
Meal, alfalfa	ton	38,270	1,787,685
Meal, barley	"	16,603	1,084,451
Meal, cereal grass	"	11,903	910,537
Meal, cocoanut oilcake	—	—	1
Meal, corn	ton	5,774	603,011
Meal, fish	"	49,747	6,615,051
Meal, linseed oilcake	"	81,827	5,647,324
Meal, meat, hoof, lung, liver, etc.	"	22,036	2,322,703
Meal, mustard seed	—	—	1
Meal, rapeseed oilcake	—	—	1
Meal, pea	ton	23	2,017
Meal, rice	—	—	1
Meal, rye	ton	450	38,476
Meal, sunflower oilcake	—	—	1
Meal, soybean oilcake	ton	116,680	9,346,942
Meal, n.e.s.	"	115	3,450
Meats, canned:			
Beef:			
Spiced beef	lb.	2,057,375	937,786
Beef stews and boiled dinners	"	16,307,385	4,479,306
Other including corned beef, beef sausage, roast beef, etc.	"	4,647,004	1,714,932
Pork:			
Spiced pork and ham	"	18,162,243	9,136,340
Roast pork and ham	"	5,235,448	3,949,253
Sausage	"	1,727,257	743,048
Other including bacon, devilled ham, pigs' feet, etc.	"	1,958,336	993,854
Poultry:	"	1,105,514	919,767
Miscellaneous:			
Horse meat	—	—	1
Weiners	lb.	917,323	424,425
Meat paste (included in "Paste, meat and chicken")			
Meat lunch	lb.	297,964	126,808
Other, including bologna, lunch tongue etc.	"	7,921,898	3,359,616
Meats, cooked, all kinds	"	36,019,767	20,577,006

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Alphabetical List of Products Manufactured in Canada, 1950 — Continued

Items	Unit of measure	Quantity	Value
			$
Meats, cured:			
Bacon and sides	lb.	108,684,286	48,938,753
Beef, salted and cured	"	3,082,520	1,118,869
Hams	"	50,369,562	27,899,308
Pork, salted	"	29,743,688	8,112,974
Shoulders	"	40,799,470	20,377,888
Other	"	33,550,133	13,306,961
Meats sold fresh:			
Beef	"	566,386,009	231,255,641
Fancy meats	"	40,477,610	10,616,326
Horse	"	13,831,253	911,614
Mutton and lamb	"	21,852,917	10,009,661
Pork	"	254,468,062	94,664,824
Poultry	"	24,326,362	10,981,818
Veal	"	82,187,408	34,238,632
Other	"	1,992,949	380,055
Meats sold frozen:			
Beef	"	22,612,254	9,489,105
Fancy meats	"	8,688,808	2,076,707
Horse	"	5,519,635	358,406
Mutton and lamb	"	3,781,761	1,685,593
Pork	"	22,422,267	7,256,407
Veal	"	4,886,743	2,124,795
Other	"	780,509	147,898
Meat scrap	"	77,777,454	3,825,073
Medicines and pharmaceuticals n.e.s.:			
Registered as patent medicines (all ingredients not declared)	—	—	14,334,315
Ethical specialties (ingredients declared):			
Sold on physician's prescription	—	—	17,659,480
Sold without a physician's prescription	—	—	7,219,059
Other, including human medicines, antiseptics, etc.	—	—	5,775,752
Metal products, not specified	—	—	603,245
Meters, gasoline	—	—	1
Meters, water	—	—	1
Meters, not specified and meter parts	—	—	629,882
Methyl hydrate, crude and refined	—	—	125,718
Mica products	—	—	301,656
Military web equipment	—	—	1
Milk, sold in dairy factories	gal.	144,339,392	95,677,042
Milk, transferred to other branches of the firm	"	9,012,217	2,878,053
Milk, buttermilk, sold	—	—	1,038,624
Milk, buttermilk, condensed	lb.	300,426	10,027
Milk, chocolate (3.5 p.c. butter content)	gal.	330,630	243,970
Milk, condensed	lb.	14,541,104	2,461,319
Milk, evaporated	"	256,484,754	28,727,678
Milk, skim	—	—	1,031,519
Milk, skim, condensed	lb.	4,365,966	427,126
Milk, skim, evaporated	"	12,407,380	647,364
Milk products, not specified	"	7,342,358	1,290,870
Milk drinks, (see "Food Drinks")			
Milling cutters	—	—	728,173
Mincemeat	lb.	6,804,556	1,089,944
Mine timbers, props, wedges, etc.	—	—	1,313,492
Mirrors	—	—	3,916,880
Modelling clay	—	—	1
Molasses	—	—	1,353,625
Monuments, lettered only	—	—	393,818
Monuments, (see "Granite" "Limestone" and "Marble")			
Monuments, artificial stone	—	—	1
Mops:			
Floor	doz.	201,597	1,460,435
Dust	"	43,939	398,923
Dish	"	38,655	48,984
Other, not specified	—	—	313,260
Mop parts	—	—	59,401
Mortisers (wood working)	No.	117	24,915
Motors, electric, A.C. and D.C. (except starting)	"	1,614,911	34,685,645
Motors, other, and parts	—	—	3,371,880
Moulders, wood-working	No.	46	168,396
Mouldings	—	—	8,972,465
Moulds for bakelite and rubber	—	—	282,384
Mounting (trade work)	—	—	1,271,048
Mowers, hay (horse and tractor)	No.	16,658	2,708,979
Mowers, lawn	"	44,151	1,127,736
Mucilage	—	—	113,604
Muffs, fur	No.	1,483	43,214
Muff beds	—	—	1
Munitions and other war supplies	—	—	4,349,867
Muriate of potash	ton	1,636	94,541
Music, printed	—	—	102,440
Musical instruments and parts, n.e.s.	—	—	86,642
Mustard, dry	lb.	246,862	61,890
Mustard, prepared	gal.	918,239	1,117,623
Mustard compound	lb.	125,772	25,892
Nails, aluminum	—	—	336,199
Nails, brass and copper:			
Quantity made	lb.	293,347	—
Quantity sold	"	303,769	133,382
Nails and spikes, cut from plate:			
Quantity made	kegs	21,123	—
Quantity sold	"	20,889	238,383

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Alphabetical List of Products Manufactured in Canada, 1950 — Continued

Items	Unit of measure	Quantity	Value
			$
Nails, tacks and brads, wire:			
Quantity made	kegs	1,725,546	
Quantity sold	"	1,727,150	12,149,325
Nails, horseshoe and other, n.e.s.	—	—	235,034
Naphthalene	—	—	1
Naphtha V.M. and P. or solvent	Imp.gal.	34,513,712	6,284,105
Napkins, paper	M	2,178,396	2,027,108
Neckties	doz.	375,385	7,300,017
Neckwear, women's	"	69,931	579,445
Neck pieces, fur	No.	39,340	877,502
Needles, knitting machine	—	—	1
Needles, knitting, other	—	—	50,588
Nickel salts	—	—	1
Nickel-silver, n.e.s.	lb.	112,932	91,334
Night-dresses:			
Cotton and flannelette	doz.	80,588	1,396,315
Silk, nylon and rayon	"	110,145	2,278,428
Night dresses, knitted and other n.s.	"	26,931	767,763
Nightshirts	"	2,699	61,348
Nitrobenzol	—	—	1
Nitrogen	—	—	1
Nitrous oxide	—	—	1
Non-ferrous alloys, n.e.s.	lb.	946,229	329,577
Novelties, advertising and other, n.s.	—	—	892,509
Novelties, plastic	—	—	946,732
Novelties, printed	—	—	1,134,273
Nuts, salted, etc. (see also "Peanuts, roasted, salted")	lb.	2,029,235	2,301,871
Nylon fabric (see "Silk and synthetic fabrics" and "Knitted fabrics")			
Oars and paddles	—	—	152,445
Oats, rolled	ton	51,100	3,131,930
Oatmeal	"	7,473	681,722
Offal, not specified	"	61,980	2,552,675
Oil burners and parts	—	—	15,054,957
Oilcloth, other than floor	—	—	1
Oil, aniline	—	—	1
Oil, cocoanut, crude and processed	lb.	43,367,686	7,639,774
Oil, cooking (blended)	—	—	1
Oil, core	—	—	597,633
Oil, corn, crude	—	—	1
Oil, corn, refined	—	—	1
Oil, cotton seed	lb.	11,901,538	2,690,236
Oil, creosote	gal.	11,983,077	2,650,389
Oil, fish (vitamin)	lb.	3,904,000	1,304,593
Oil, fish (industrial)	"	41,093,000	4,452,441
Oil, fuel, diesel	Imp.gal.	241,330,124	29,467,126
Oil, heavy fuel:			
For own use	"	144,794,819	10,771,255
For sale	"	751,099,652	51,939,959
Oil, light fuel:			
For own use	" "	203,729	24,726
For sale	" "	404,125,996	48,826,731
Oil, fusel, (sold)	" "	48,165	24,073
Oil, lard	lb.	1,728,325	304,504
Oil, light, n.e.s.	Imp.gal.	3,616,780	702,444
Oil, linseed, boiled	" "	1,034,422	1,745,774
Oil, linseed, raw	" "	5,232,708	8,128,681
Oil, linseed, special	—	—	7,283,413
Oil, lubricating	—	—	26,595,724
Oil, neatsfoot	lb.	616,650	111,543
Oil, oleo	"	1,579,405	231,453
Oil, palm	—	—	1
Oil, peanut	lb.	1,250,456	377,600
Oil, rapeseed	"	2,475,000	272,000
Oil, soybean	"	55,197,013	8,660,796
Oil, stand blown, enamel, etc.	Imp.gal.	77,463	78,138
Oil, blended salad	—	—	1
Oil, stove	Imp.gal.	173,163,953	22,686,746
Oils, sulphonated, textile oils, and other textile chemicals	lb.	6,984,312	1,101,135
Oil, sunflower seed	"	10,379,362	1,967,844
Oil, tractor fuel	Imp.gal.	30,862,582	4,705,933
Oils, vegetable, n.e.s.	lb.	21,178,619	4,482,011
Oils, other, n.s.	—	—	759,317
Oleo stock	lb.	1,902,140	260,920
Olives, bottled, etc.	gal.	411,346	1,903,928
Optical equipment n.e.s.	—	—	1
Organs, pipe	No.	61	780,276
Organs, reed	"	133	119,950
Organs, other, and parts	—	—	575,046
Ornaments, n.s.	—	—	267,854
Ovens, commercial, cooking	—	—	1
Ovens, industrial, electric	No.	803	565,100
Overalls: (see also, "Smocks, etc")			
Bib:			
Men's and youths'	doz.	166,909	6,105,134
Boys'	"	34,121	665,574
Coveralls:			
Men's and youths'	"	30,320	1,711,837
Boys'	"	136	4,877
Dungarees and waist band:			
Men's and youths'	"	70,987	1,890,606
Boys'	"	37,211	729,162

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Alphabetical List of Products Manufactured in Canada, 1950 — Continued

Items	Unit of measure	Quantity	Value
			$
Overalls, (see also, "Smocks, etc.")—concluded:			
Overall coats (jumpers) only	doz.	19,243	668,169
Smocks, dusters and shop coats	"	39,451	1,543,410
Children's, all kinds	"	242,775	3,007,028
Other, n.e.s.	"	4,470	135,877
Oxygen	cu.ft.	690,362,200	5,400,670
Packing, asbestos	—	—	1
Packing, rubber	lb.	1,241,416	395,977
Packing, not specified	—	—	28,031
Packing house equipment	—	—	32,000
Pads, electric, heating	No.	143,613	539,092
Pads, couch	"	17,520	148,411
Pads, shoulder	doz.	1,902,633	1,516,047
Pads, stamp	—	—	1
Pads, stair	—	—	1
Pads, sweat	—	—	31,335
Pads and padding, n.s.	—	—	1,437,600
Pails, paper	No.	24,559,490	301,681
Pails, tin	—	—	238,385
Pails and tubs, wooden, etc.	—	—	69,141
Painting equipment, n.s.	—	—	1,973,900
Paint, varnish and enamel removers	gal.	127,571	385,334
Paints, cement	—	—	48,031
Paints, water-thinned:			
Resin emulsion paints, paste and semi-paint form:			
Interior	Imp.gal.	1,118,325	3,506,315
Exterior	" "	12,200	32,055
Casein and other protein bound, (cold water paints):			
Interior	—	—	563,453
Exterior	—	—	192,261
Texture-type water paints	lb.	1,961,200	147,054
Calcimines:			
Hot water	"	2,171,586	121,136
Cold water	"	880,645	83,151
Paints, ready mixed (including asphalt and tar)	Imp.gal.	10,125,933	35,573,848
Paints, paste (not including water-paste paints)	lb.	6,371,201	1,233,217
Paints and enamels, other	—	—	886,126
Panel boards and cabinets	—	—	2,931,217
Pants, breeches, etc:			
Breeches:			
Men's and youths':			
Cotton	doz.	4,560	141,407
Wool and wool mixtures	"	6,449	360,194
Boys':			
Cotton	"	1,998	116,281
Wool and wool mixtures	"	25,890	748,213
Pants and slacks, fine, separate, dress and sport:			
Men's and youths':			
Cotton or chiefly cotton	No.	159,457	373,586
Rayon	"	340,871	1,587,348
Rayon mixtures, chiefly rayon	"	358,324	1,817,304
Wool	"	1,433,261	12,024,244
Wool mixtures, chiefly wool	"	602,639	3,363,830
Boys':			
Cotton or chiefly cotton	"	349,071	625,913
Rayon	"	118,529	333,668
Rayon mixtures, chiefly rayon	"	89,155	203,640
Wool	"	630,168	1,878,307
Wool mixtures, chiefly wool	"	300,610	707,719
Pants, soccer, hockey, etc.	No.	30,195	123,827
Pants, uniform, separate:			
Men's and youths':			
Military	No.	241,186	1,224,639
Non-military	"	75,725	848,720
Pants, work:			
Men's and youths:			
Cotton	doz.	217,821	6,322,083
Wool and wool mixtures	"	50,456	2,402,303
Boys':			
Cotton	"	35,517	787,201
Wool and wool mixtures	"	3,815	110,774
Pants, baby (plastic, rubber, etc)	"	265,824	630,766
Pants, rubberized and oiled	"	1,582	58,247
Pants, not specified	—	—	309,018
Paper:			
Adding machine and cash register	—	—	228,219
Asbestos	—	—	1
Blotting, clay coated and enamelled	—	—	1
Blue print and photostat	—	—	928,419
Book	ton	82,480	16,170,921
Box cover, coloured	—	—	1
Writing pads, tablets, etc.	—	—	1,250,490
Building and roofing paper:			
Asphalt saturated rag and asbestos felt shingles and shingle type sidings	squares	2,423,780	16,603,712
Mineral surfaced rag and asbestos felt roll roofing	"	919,892	3,070,472
Smooth surfaced rag and asbestos roll roofing	"	1,165,726	2,677,145
Roll type rag and asbestos felt sidings	squares	365,556	1,509,555
Tar and asphalt saturated rag and asbestos felts, not coated	ton	48,425	4,320,845
Tar and asphalt saturated and/or coated sheathings	"	15,640	2,099,975
Other felts and sheathings	"	295	50,557
Insulated siding	—	—	1

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Alphabetical List of Products Manufactured in Canada, 1950 — Continued

Items	Unit of measure	Quantity	Value
			$
Paper — concluded:			
Building and roofing paper:			
Building papers, n.s.	ton	92,486	7,248,962
Carbon	—	—	2,309,823
Cigarette tubes and paper	—	—	1
Coated paper and other n.e.s.	—	—	5,323,879
Corrugated (paper and wrappers)	—	—	997,638
Creped or crinkled	lb.	2,194,387	635,569
Fabric	—	—	131,373
Fine	ton	90,873	25,280,200
Foolscap, n.e.s.	—	—	174,100
Friction or flint glazed	—	—	1
Gummed (in sheets)	—	—	1
Special, industrial	ton	10,060	2,407,269
Lining, pan, shelf, etc.	—	—	388,410
Parchment, vegetable	—	—	1
Oiled	—	—	1
Paper napkins and doilies (see "Napkins" and "Doilies")			
Newsprint paper: (basic)			
In sheets for printing	ton	75,019	8,334,497
In rolls for printing	"	5,207,965	496,417,912
Side runs for pulping	"	34,612	2,068,223
Counter rolls	—	—	1
Other	ton	13,144	1,131,061
Printing and specialty paper, ground wood	"	40,744	5,905,289
Safety paper, for cheques, etc.	—	—	782,845
Sanitary	ton	64,652	12,015,858
Tissue, converted	—	—	602,508
Tissue, other than sanitary, (basic stock)	ton	12,090	3,869,934
Toilet, converted	cases	1,287,511	8,569,382
Towels, paper (see "Towels")			
Typewriter	reams	282,286	228,499
Vinylite	—	—	1
Wall paper	—	—	1
Waterproofed, other than waxed, n.e.s.	—	—	1
Waxed paper:			
Bread wrappers	lb.	25,912,288	5,344,829
Other, plain and printed	"	42,620,048	8,151,987
Wrapping paper: (basic stock)			
Unbleached sulphate kraft No. 1 and 2	ton	164,381	25,757,219
Bleached sulphate and/or sulphite	"	23,019	5,714,848
Unbleached and semi-bleached sulphite and sulphate	"	2,975	582,447
Miscellaneous furnishes	"	23,426	3,088,863
Wrapping, special	"	9,039	2,632,914
Paper, miscellaneous, n.e.s. (converted)	—	—	983,245
Paper goods	—	—	530,043
Paper board:			
Box board	ton	405,076	41,427,831
Building, rigid insulating	"	111,251	11,280,598
Building, other	"	32,860	3,975,804
Container board:			
Container chip	"	6,533	521,563
Corrugating board	"	144,892	15,273,658
Liners	"	214,234	23,159,467
Mounting board	—	—	1
Clay coated and enamelled	—	—	1
Coated, other, not specified	—	—	3,299,495
Wallboard, building board, n.e.s.	—	—	2,085,818
Wet machine boards	—	—	1,358,994
All other board and paper, n.s.	—	—	973,440
Papeteries (stationery in boxes) see also "Paper — writing pads, tablets, etc."	—	—	936,088
Parachutes and parachute equipment	—	—	1
Paraldehyde	—	—	1
Paste, adhesive	—	—	586,128
Paste, meat and chicken	lb.	4,507,435	2,200,638
Paste, flavouring	"	10,615	20,329
Paste, tooth (see "Dentifrices")			
Patterns and models, foundry and other, wood and metal	—	—	1,775,199
Patterns, paper	—	—	1,247,789
Peanut butter	lb.	22,130,260	7,052,900
Peanuts, roasted and salted (for sale) (see also "Nuts, salted etc.")	"	17,100,683	5,005,737
Pearls, artificial and simulated	—	—	967,238
Peas, split	ton	2,111	296,678
Peavies, cant hooks and pike poles	—	—	277,857
Pectin (see also "Apple juice concentrate")	—	—	1
Pencils, non-mechanical	gr.	541,805	2,048,298
Pencils, mechanical	"	10,292	735,993
Pencil parts	—	—	1
Penicillin	—	—	1
Penicillin preparations	—	—	4,207,959
Pennants	—	—	141,162
Pens, fountain and ball point	doz.	375,338	4,939,263
Pens, fountain, ballpoint and other, parts	—	—	506,390
Pentasol acetate	—	—	1
Perchlorethylene	—	—	1
Percolators, electric	No.	28,190	261,962
Perfumes	—	—	1,404,533
Periodicals, printed by publishers:			
Newspapers daily:			
Gross revenue from advertising	—	—	76,845,950
Subscriptions and sales	—	—	30,012,769

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Alphabetical List of Products Manufactured in Canada, 1950 — Continued

Items	Unit of measure	Quantity	Value
			$
Newspapers daily—concluded:			
Newspapers, weekly and other:			
Gross revenue from advertising	—	—	17,289,234
Subscriptions and sales	—	—	10,765,551
Magazines:			
Gross revenue from advertising	—	—	9,057,740
Subscriptions and sales	—	—	4,848,644
Other publications:			
Gross revenue from advertising	—	—	24,298,459
Subscriptions and sales	—	—	9,899,448
Phenol	—	—	1
Phonograph records	No.	13,085,982	5,603,758
Phonograph supplies, n.s.	—	—	137,351
Phonographs, electrically operated	No.	17,512	562,849
Phosphorus	—	—	1
Phosphorus sequisulphide	—	—	1
Photo-engraving	—	—	9,020,758
Photographic materials, n.e.s. (Including photo paper)	—	—	2,165,555
Photography (Commercial)	—	—	546,615
Phthalic anhydride	—	—	1
Pianos:			
Grand	No.	108	104,518
Upright	"	6,792	2,410,814
Pianos in process of manufacture	—	—	1
Piano strings and other parts	—	—	583,173
Pickets	M	6,128	556,814
Pickles, relishes and sauces (see also "Tomato Catsup")	gal.	5,719,078	9,083,613
Pictures, framed	—	—	611,496
Pictures and mirror frames	—	—	722,174
Pies, cakes and pastry (see also "Puddings, cakes, etc., canned")	—	—	52,454,994
Pies, meat	—	—	846,253
Piling, sheet	—	—	1
Pillow cases (Included in "Sheets and pillow cases, cotton")			
Pillows	No.	460,852	1,200,399
Pins, plain and hair pins	—	—	915,449
Pipe and fittings, brass, bronze and copper	—	—	1,030,630
Pipe and fittings, cast iron, soil	ton	51,313	9,042,364
Pipe and fittings, cast iron, water	"	93,344	9,335,029
Pipe and fittings, cast iron, other	"	14,041	3,768,736
Pipe, lead	"	2,438	1,076,552
Pipe and fittings, malleable iron	"	10,790	6,643,786
Pipe, sewer, clay	—	—	2,214,283
Pipe, sewer and culvert, cement	—	—	5,528,417
Pipe, culvert, n.e.s.	—	—	5,943,634
Pipe, steel, rivetted and welded	ton	1,289	281,599
Pipe and fittings, steel, n.e.s.	—	—	26,091,976
Pipe and tubing, copper	—	—	1
Pipes, furnace and stove	—	—	2,155,983
Pipes, wooden	—	—	1,372,865
Pipe and fittings, other, n.s.	—	—	165,439
Pipes, tobacco	doz.	10,205	106,401
Pipe (tobacco) parts	—	—	5,164
Piston rings, automobile	No.	24,063,844	2,788,092
Pistons, automobile and piston ring expanders	—	—	1,096,418
Pitch	ton	113,510	3,437,514
Planers, metal-working	—	—	1
Planers, wood-working	No.	391	365,845
Planing custom	M ft. b. m.	775,733	5,198,963
Planters, corn	No.	151	27,865
Planters, potato	—	—	1
Plastics, primary (see "Synthetic resins")			
Plate and tank work, steel, miscellaneous	—	—	15,512,577
Plates, sheets and strips, brass, copper, etc.	lb.	44,201,332	15,889,038
Plates, flats, iron and steel	ton	146,559	12,640,871
Plates, metal, license, name, etc.	—	—	1,743,440
Plates, spoons and forks, paper	—	—	315,315
Plating and galvanizing salts	—	—	1
Platinum, refined and other platinum products	—	—	708,144
Play ground, track and field equipment	—	—	54,117
Ploughs, agricultural:			
Disc	No.	5,146	1,887,964
Harrow ploughs, one-way discs, tiller combines	"	29,498	10,083,519
Mouldboard	"	34,903	5,933,444
Walking	"	1,158	18,734
Other	"	533	79,092
Ploughs, snow	—	—	516,929
Plugs, wooden	—	—	320,146
Plumbers' supplies, not elsewhere specified (Brass, copper, etc.)	—	—	13,320,366
Plywood	M sq. ft	486,175	35,460,780
Poison, gopher and rat	—	—	124,715
Polish, furniture	—	—	521,424
Polish, metal	—	—	165,575
Polish, shoe	—	—	969,551
Polish, stove	—	—	73,786
Polishes and waxes, floor	—	—	8,081,482
Polishes and dressings, automobile	—	—	925,984
Polishes for harness	—	—	3,723
Polishes and dressings, n.s.	—	—	390,649
Polishers, floor, electric and other	—	—	3,577,523
Polishing mitts and cloths	doz.	13,123	13,566
Popcorn	lb.	4,847,892	2,390,193

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1950 — Continued

Items	Unit of measure	Quantity	Value
			$
Polymer feed stocks	—	—	1
Post cards, printed	—	—	779,714
Posts, steel, fence	ton	5,676	567,463
Posts, other	—	—	10,827
Post hole diggers	—	—	1
Potassium chlorate	—	—	1
Potato chips (factory made)	lb.	7,627,319	3,753,417
Potato diggers	—	—	1
Potato pickers	—	—	1
Pot holders and oven mitts	—	—	72,537
Pot scourers	—	—	421,492
Pottery, glazed and unglazed	—	—	612,669
Pottery from imported clay	—	—	30,096
Poultry (see "Meats")			
Powder, baking	lb.	11,730,912	2,526,186
Powder, buttermilk	"	5,226,515	394,556
Powder, cream	—	—	1
Powder, custard	lb.	496,567	138,578
Powder, egg	"	1,505,411	1,841,566
Powder, food drinks	"	1,228,124	677,136
Powder, ice cream	"	780,251	288,304
Powder, jelly	"	14,300,269	4,708,717
Powder, whole milk	"	15,679,201	5,610,192
Powder, malted milk	"	437,685	159,080
Powder, skim milk	"	51,914,274	5,823,520
Powder, pie filling	"	4,121,566	1,031,032
Powder, pudding	"	8,932,051	2,369,339
Powder, whey	"	4,414,830	274,959
Powder, edible, n.s.	"	1,205,526	763,483
Powder, bronze, iron and aluminum	—	—	1,135,813
Powder, sachet	—	—	175,609
Powder, talcum and face	—	—	2,678,239
Power units	—	—	1
Precious metal salts	—	—	1
Press cloths	—	—	1
Presses, tennis and badminton racquet	No.	28,781	17,062
Presses, hydraulic, and other power	—	—	1,697,028
Pressure cookers (Included under "Kitchenware, aluminum")			
Printing, not elsewhere specified:			
Circular letters	—	—	1,499,787
General, for trade	—	—	1,436,362
Custom printing, (Paper supplied by customer)	—	—	2,188,483
Private and personal	—	—	1,771,606
Blue prints and photostats	—	—	789,056
Box covers, coloured	—	—	218,883
Periodicals printed for publishers	—	—	20,509,030
Other printed matter; menus, statements, bank notes, programmes, etc. (see also "Advertising matter")	—	—	13,526,477
Printing and painting on textile fabrics	—	—	1,870,844
Propane	—	—	770,884
Propellers and shafts	—	—	1
Publications, subscriptions and sales (see "Printing and periodicals")			
Puddings, cakes, etc., canned and other	—	—	1,192,184
Puffs, powder	—	—	320,353
Pulleys, wood and other	—	—	263,322
Pulpers and slicers	—	—	1
Pulp, fruit (see "Fruit pulp")			
Pulpstones, artificial	—	—	1
Pulpwood (produced in Sawmills)	cds.	274,909	7,211,629
Pulp chips	—	—	3,124,229
Pulp, wood:			
Ground wood:			
Quantity made	S. ton	4,910,803	
Quantity sold	" "	344,522	18,727,938
Sulphate:			
Quantity made	" "	1,053,588	
Quantity sold	" "	645,654	77,508,174
Sulphite, bleached:			
Quantity made	" "	760,769	
Quantity sold	" "	686,912	93,862,681
Sulphite, unbleached:			
Quantity made	" "	1,450,004	
Quantity sold	" "	491,709	48,006,360
Screenings:			
Quantity made	" "	105,849	
Quantity sold	" "	39,858	834,886
Other:			
Quantity made	" "	192,001	
Quantity sold	" "	42,919	4,979,908
Pumps:			
Centrifugal	—	—	5,324,265
Cistern and pitcher	No.	37,208	180,607
Deep well	"	2,431	126,686
Rotary	"	317	811,990
Sump	—	—	777,506
Vacuum	—	—	407,285
Steam	No.	2,312	1,107,822
Other power pumps	—	—	687,705
Gasoline dispensing pumps	No.	6,357	3,161,885
Hand pumps	"	10,702	168,559
Household water systems	"	38,058	3,401,411
Pump jacks	No.	5,362	114,430
Pumps and pump parts, n.e.s.	—	—	1,147,396

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Alphabetical List of Products Manufactured in Canada, 1950 — Continued

Items	Unit of measure	Quantity	Value
			$
Punching machines	—	—	1
Purses, pocket-books and folders	No.	2,431,763	1,877,197
Putty and fillers, n.e.s.	lb.	12,220,601	336,220
Pyjamas:			
Cotton and flannelette	doz.	30,803	6,875,463
Rayon and rayon mixtures	"	31,278	905,938
Not specified	"	39,708	1,152,119
Pyridine	Imp. gal.	20,294	33,728
Pyrometers	—	—	1
Pyrotechnics and fireworks	—	—	1
Quilted goods and quilts	—	—	2,181,745
Racquets, tennis, badminton and squash	No.	53,094	219,342
Radar equipment (see "Radio communication equipment")			
Radiators, automobile	—	—	4,240,245
Radiator and boiler compounds	—	—	202,608
Radiators, heating, concealed type	sq. ft.	8,158,345	3,659,413
Radiators, heating, standing type	" "	5,872,237	3,173,814
Radiators and parts, heating, n.s.	—	—	108,974
Radio communication equipment	—	—	4,850,403
Radio sets, tubes and accessories	—	—	47,349,521
Rail anchors	—	—	1
Rails, iron or steel:			
Quantity made	ton	286,672	
Quantity sold	"	286,753	21,305,231
Rail frogs, switches and other track equipment	—	—	9,420,239
Railway car coach fittings, bearings, etc.	—	—	1,150,295
Rakes, hand	No.	287,676	247,519
Rayon fabric (see "Silk and synthetic fabrics" and "Knitted fabrics")			
Razor blades	No.	176,399,328	3,242,703
Razors, safety, electric and other	"	885,151	2,087,121
Recorders, time	—	—	1
Recorders, wire or tape	—	—	301,172
Record players, electrically operated	No.	26,760	494,215
Rectifiers for storage battery charging and parts	—	—	503,903
Reels, wire rope and hose	—	—	1
Refractories:			
Cement, high temperature	ton	5,731	522,678
Firebrick from domestic clay	—	—	419,052
Firebrick from imported clay	—	—	1,151,757
Other	—	—	4,146,869
Refrigerators:			
Electric, commercial and domestic	No.	342,488	66,576,507
Electric, condensing units	—	—	8,769,307
Other	—	—	1,302,623
Refrigeration equipment, other (see also "Cold storage equipment")	—	—	6,181,060
Refrigerator parts, not specified	—	—	3,371,932
Regalia, n.e.s.	—	—	1,914,715
Registers, cash	—	—	1
Registers and grills, air	—	—	1,135,357
Regulators, temperature	—	—	1
Religious articles	—	—	114,293
Remedies, stock and poultry	—	—	1,404,249
Repair gums and fabrics	lb.	519,880	617,125
Repair kits	No.	593,126	92,739
Repair patches, tire and tube	"	1,775,412	450,203
Resin coating, synthetic	—	—	1
Resin film and resin film products	—	—	8,168,724
Resins, vinyl acetate	—	—	1
Ribbons	—	—	2,830,416
Rice, brewers'	—	—	1
Rice, cleaned, etc.	—	—	1
Rifles and shot guns	—	—	755,483
Rings, fruit jar, rubber	—	—	565,531
Rings, fruit jar, zinc	—	—	1
Rockwool	—	—	8,104,832
Rods and bars, bronze and brass	—	—	1
Rods, copper wire	—	—	1
Rods, iron and steel, wire:			
Quantity made	ton	293,866	
Quantity sold	"	120,429	8,542,496
Roll covering, rubber	—	—	1
Rollers, land and land packers	—	—	323,211
Rollers, printers'	—	—	524,971
Rolls, rubber covered	No.	265,719	1,235,397
Rolls, bending and straightening	"	424	131,591
Roofing, aluminum, steel, sheet metal	—	—	4,873,305
Roofing preparations, n.e.s.	—	—	437,002
Rope:			
Manilla	lb.	6,013,729	2,574,492
Sisal	"	6,041,696	1,790,603
Jute and hemp	"	265,208	116,027
All other	"	327,857	239,455
Rubber, reclaimed, dispersions and other	—	—	1
Rubber and rubber goods, hard	lb.	353,022	383,048
Rubber coverings, linings, etc.	"	413,718	736,824
Rubber goods, moulded	"	2,721,124	2,172,908
Rubber goods, plumbers'	—	—	971,559
Rubber goods, sanitary, n.e.s.	doz.	716,606	189,171
Rubber goods, soft and sponge (including foamed latex)	—	—	3,260,012
Rubber automotive and aeroplane parts	lb.	6,916,407	3,568,542
Rubber goods, not specified	—	—	763,526

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Alphabetical List of Products Manufactured in Canada, 1950 — Continued

Items	Unit of measure	Quantity	Value
			$
Rubber thread	lb.	869,842	1,657,778
Rubber, synthetic	—	—	25,413,097
Rugs, automobile	No.	228,537	858,029
Rules, steel	—	—	1
Rules, wooden	—	—	276,124
Ruling (printing plants)	—	—	545,566
Runners and centres, table	—	—	208,818
Rust preventatives and removers	—	—	680,731
Saddles	No.	1,245	57,409
Saddle parts	—	—	12,168
Safes, vaults and fittings	—	—	2,559,946
Sails	No.	2,324	78,807
Salt, including value of containers	—	—	8,100,113
Salt, curing	lb.	2,961,550	374,702
Sanders (woodworking)	No.	1,436	38,456
Sandwich relish and spread (see also "Paste, meat and chicken")	lb.	3,234,282	1,297,571
Sanitary ware	—	—	17,157,411
Sash balances, metal	—	—	1
Sash, doors and other mill work	—	—	57,452,725
Sash, steel, brass, etc.	—	—	2,480,458
Sauces, catsups and relishes (see "Tomato catsup, pickles, sauces, etc.")			
Sauerkraut, canned	lb.	7,736,916	552,051
Sausage casings	—	—	5,662,566
Sausage, fresh or cured	lb.	75,825,160	29,878,321
Sawdust and waste, sold	—	—	1,325,335
Sawing, lumber, custom	—	—	286,740
Saws, all kinds	—	—	7,740,257
Saw parts and saw benches	—	—	1,072,924
Scales	—	—	2,943,685
Scarves	—	—	3,389,396
School supplies, not specified	—	—	62,821
Scientific equipment, not specified	—	—	786,893
Scissors and shears	—	—	118,176
Scrap, aluminum	lb.	1,912,841	286,387
Scrap, brass, bronze and copper	—	—	513,915
Scrap, iron and steel	ton	580	12,981
Screenings, barley, etc.	"	64,452	2,798,431
Screens, door and window	—	—	266,773
Screen, industrial	—	—	639,566
Screws and screw machine products	—	—	12,205,328
Scufflers	No.	6,441	99,902
Scythes and snaths	—	—	145,955
Seals	—	—	263,655
Seasoning, dry and liquid	—	—	1,499,970
Seaweed, processed	—	—	1
Seed boxes for one-way discs etc.	No.	9,709	1,213,119
Seeders, horse, power and hand	—	—	1
Shades, window, shade cloth and fittings:			
Ordinary shades and blinds	—	—	2,439,902
Venetian blinds, all kinds	—	—	5,618,768
Shade cloth, rollers, etc.	—	—	1,080,148
Shapers, metal-working	No.	270	159,783
Shapers, woodworking	"	371	34,822
Sharpeners, pencil	—	—	1
Sharpening stones and files	—	—	296,904
Shawls	—	—	1
Shearlings and mouton	sq. ft.	2,252,655	1,635,847
Shearing machines, metal working	No.	144	178,430
Sheet forms, commercial etc., printed	—	—	31,969,550
Sheeting, cotton (See "Cotton fabrics")			
Sheets and pillow cases, cotton	—	—	5,801,793
Sheets, crib, cotton	—	—	1
Sheets and sheeting, rubber and rubberized	—	—	343,547
Sheet ironware, n.e.s.	—	—	1
Sheet metal building materials, n.e.s.	—	—	2,384,006
Sheet metal products	—	—	2,067,738
Sheets, aluminum	—	—	1
Sheets, hoops, bands and strips, iron and steel (rolled and drawn)	—	—	86,253,049
Sheets, corrugated only	—	—	896,037
Shields, dress	doz.	69,158	183,494
Shims, railroad and other	—	—	125,597
Shingle bands	M	13,768	99,284
Shingles, wooden	square	3,191,896	31,809,878
Shingles, asbestos	—	—	1,226,740
Shipbuilding and repairs	—	—	69,723,186
Shirts, fine:			
Cotton	doz.	682,241	17,961,725
Silk, rayon and nylon	"	71,550	2,690,543
Shirts, dress	"	8,379	300,909
Shirts, work:			
Cotton	"	329,916	8,365,589
Wool and wool mixtures	"	74,006	2,082,508
Not specified	"	473	11,444
Shirts, sport, men's, youths' and boys'	"	368,442	9,279,045
Shirts, not specified	"	177,112	1,905,913
Shock absorbers, automobile	—	—	2,544,396
Shoddy, mungo and wool extract (see "Wool or part wool, reworked or reprocessed")			
Shoe materials, pyroxylin coated (Included in "Fabrics coated and impregnated")			
Shoe trimmings	—	—	197,157
Shoe uppers and tops	—	—	295,127
Shooks, box	M.ft. b. m.	102,022	8,943,293

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Alphabetical List of Products Manufactured in Canada, 1950 — Continued

Items	Unit of measure	Quantity	Value
			$
Shortening:			
Containing animal fat and marine oil	lb.	70,759,347	17,840,912
Wholly vegetable	"	60,307,777	18,582,938
Shortening substitute	—	—	1
Shorts and middlings	ton	412,523	23,534,369
Shovels, hand	—	—	58,337
Shovels, power	—	—	3,014,837
Shuttlecocks, badminton	—	—	1
Signal systems (traffic, fire, alarm, etc.)	—	—	1,309,842
Signs, electric, gas, neon and other luminous	—	—	5,526,150
Signs, metal, etc.	—	—	1,900,135
Silicon carbide, crude	ton	44,761	6,316,299
Silico manganese, silico spiegel, etc. (included in "Ferro-alloys")			
Silk and synthetic fabrics, broadwoven:			
All silk mixtures containing silk	yd.	223,609	208,498
All continuous filament synthetic yarn:			
Rayon (See also "Knitted fabrics")	"	77,334,460	50,961,373
Nylon (See also "Knitted fabrics")	"	4,321,109	4,786,088
Spun rayon and spun rayon mixtures	"	31,443,132	26,692,725
Continuous filament synthetic yarn mixtures	"	5,743,206	4,606,742
Other synthetic mixtures	"	527,501	501,931
Silk screen printing	—	—	120,014
Silos	—	—	1
Silver alloys	—	—	337,326
Silver, fine	—	—	1,532,595
Silver, sterling, melted, rolled, etc.	—	—	4,135,125
Size	—	—	1,123,455
Skates, ice	pr.	555,088	1,069,953
Skates, roller	"	56,698	162,577
Skewers, n.e.s.	—	—	1
Skis	pr.	75,074	244,323
Skis, poles and fittings	—	—	287,142
Skins, calf	No.	640,450	4,341,723
Skins, sheep	"	543,308	1,846,982
Skins, pickled	"	558,900	702,503
Skins, dressed (excluding raw)	—	—	2,346,014
Skips and cages	—	—	1
Skirts:			
Cotton	No.	438,957	817,860
Rayon and rayon mixtures	"	1,085,202	3,273,329
Woollen	"	918,163	4,145,783
Other	"	89,509	335,556
Slabs and edgings	cord	945,753	2,934,213
Sleighs, baby	No.	52,500	134,751
Sleighs, children's	"	144,636	320,454
Sleighs, dog	—	—	11,069
Sleighs, horse-drawn, etc.	—	—	177,459
Slicers, meat and bread	—	—	1
Slippers, except felt and Indian:			
Babies'	pr.	30,679	39,015
Boys'	"	99,795	143,895
Children's, including little gents	"	383,555	365,227
Men's	"	834,805	1,992,153
Misses'	"	300,517	318,392
Women's and growing girls'	"	1,695,764	2,318,875
Youths'	"	29,127	38,890
Slippers, Indian:			
Babies'	"	22,900	24,595
Boys'	"	12,437	18,415
Children's, including little gents	"	209,540	204,032
Men's	"	93,850	241,035
Misses'	"	290,962	332,391
Women's and growing girls	"	1,521,612	2,007,267
Youths'	"	7,846	8,729
Slippers, not specified	—	—	161,971
Smelter and refinery products	—	—	669,882,806
Smocks, women's	doz.	32,090	996,830
Smoke breeching	—	—	192,638
Smoker sets and smokers' supplies, n.e.s.	—	—	394,959
Smokestacks, steel	—	—	398,896
Snow shoes	pr.	5,956	45,140
Snowmobiles and parts	—	—	1
Snow removal equipment	—	—	805,591
Soap:			
Castile	lb.	1,200,942	224,901
Household and laundry, (bars)	"	30,330,029	3,773,600
Household and laundry, (chips and flakes)	"	29,159,311	4,035,516
Liquid, not specified	—	—	936,445
Polishing or scouring	lb.	825,338	93,816
Powder	"	105,528,849	14,801,309
Soft	"	1,783,407	213,799
Textile and mill	"	6,335,842	750,308
Toilet, (bars and liquid)	"	44,751,474	11,521,108
Shaving, incl. shaving creams	"	1,606,553	1,939,092
Hand soap and pastes, mechanics'	"	2,546,758	370,926
Hard, all other	"	1,071,005	121,771
Soap, n.s.	—	—	781,335
Soap stock	lb.	2,104,851	100,312
Sodium azide	—	—	1
Sodium benzoate	—	—	1
Sodium carbonate	—	—	1
Sodium carboxymethyl cellulose (see "Carboxel")			

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Alphabetical List of Products Manufactured in Canada, 1950 — Continued

Items	Unit of measure	Quantity	Value
			$
Sodium chlorate	—	—	1
Sodium cyanide	—	—	1
Sodium hydroxide	lb.	232,488,517	6,187,546
Sodium hypochlorite	—	—	1
Sodium fluoride	—	—	1
Sodium metabisulphite	—	—	1
Sodium metasilicate		—	1
Sodium phosphate, disodium and tri-sodium	—	—	1
Sodium pyrophosphate	—	—	1
Sodium silicate	—	—	1
Sodium sulphate and sulphite	—	—	1
Sodium thiosulphite	—	—	1
Sodium tripolyphosphate	—	—	1
Solder	lb.	12,897,001	2,455,331
Soling, rubber:			
Rubber and composition soles	pr.	5,112,256	1,416,807
Rubber and composition half-soles	"	836,991	233,398
Soling and slabs for heels	lb.	10,211,273	2,455,331
Soles, tap and other, leather	—	—	527,693
Soles, felt and other (insoles)	—	—	771,603
Soup, canned (excluding infants' soups)	lb.	172,045,655	26,683,077
Soup, dehydrated	"	173,712	183,914
Soup mixtures	"	5,599,048	3,803,418
Soup filler or cracker meal	"	1,601,191	135,466
Soya bean products, n.e.s.	—	—	1
Spades and shovels	No.	912,264	1,216,215
Spark plugs	"	17,276,273	4,593,273
Speed reducer units	—	—	1,532,231
Spice compound	lb.	469,472	228,957
Spices, mixed, whole or ground	"	4,044,947	3,962,544
Spikes, railway	—	—	1
Spikes, ship and drift	—	—	130,495
Spikes, other	ton	14,905	1,659,471
Spinning, custom	—	—	3,195,560
Spinning wheels	No.	900	10,894
Spinnings, metal, etc.	—	—	15,000
Spirits, produced during the year but placed in bond for maturing:			
Whiskey	pf. gal.	7,564,164	5,411,609
Neutral spirits, grain	" "	6,545,526	5,041,852
Neutral spirits, molasses	" "	354,061	183,433
Other beverage spirits	" "	683,707	862,375
Spirits, beverage, net sales:			
Whiskey, scotch type	" "	498,355	2,911,366
Whiskey, rye type	" "	15,663,117	69,370,043
Whiskey, other types	" "	36,663	336,016
Gin	" "	1,061,861	4,946,530
Brandy	" "	63,460	525,052
Rum	" "	229,561	1,697,323
Liqueurs, cordials and cocktails	" "	61,492	706,893
Other beverage spirits	" "	594,634	408,763
Sponges, cellulose	—	—	1
Spools, bobbins and shuttles	—	—	1,558,344
Sport gloves and mitts	—	—	781,325
Sporting goods, not specified	—	—	656,570
Spraying and dusting machines and equipment, including hand sprayers	—	—	1,488,132
Springs, automobile, chassis	—	—	6,759,568
Springs, bed and upholstering:			
Box	No.	66,442	1,758,074
Coil	—	—	201,951
Cable	No.	134,910	818,523
Link	"	63,587	632,027
Slat	"	236,065	2,415,143
Bed and upholstering, not specified	—	—	7,949,215
Springs for cars and locomotives	—	—	1,073,350
Springs, other	—	—	3,670,034
Squares, hardwood	M.ft. b. m.	22,721	2,130,986
Stabilizers, ice cream, etc.	lb.	61,006	47,567
Stains	Imp. gal.	363,240	864,286
Stampings, metal, n.s.	—	—	10,856,207
Stamps, rubber	—	—	713,907
Stamps, not specified	—	—	211,654
Stamps, postage, revenue, etc.	—	—	910,335
Staples, wire	kegs	35,382	274,374
Starch, corn, edible	—	—	1
Starch, corn, laundry	—	—	1
Starch and flour, potato	ton	3,194	359,875
Starch, wheat	—	—	1
Starch, blended	—	—	1
Starch, n.e.s.	—	—	1
Stationery goods, not specified	—	—	581,369
Statues, art goods and church supplies	—	—	950,715
Staves, barrel	M	38,964	1,028,502
Steam traps, etc.	—	—	549,609
Stearine	lb.	1,086,216	124,293
Steel erected (structural work):			
Bridges	ton	31,389	8,032,948
Buildings	—	—	37,579,891
Transmission towers	ton	16,451	3,911,811
Other	"	11,248	3,370,824
Steel shapes, structural (angles, channels, tees, etc.):			
Quantity made	ton	126,337	
Quantity sold	"	125,000	10,946,821

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1950 — Continued

Items	Unit of measure	Quantity	Value
			$
Steel and alloy steel ingots:			
Quantity made	ton	3,298,071	
Quantity sold	"	233,772	12,243,974
Steel, miscellaneous	—	—	16,569,476
Steel wool	—	—	1
Steepwater	—	—	1
Stencils	—	—	294,223
Stockinette (see "Knitted fabrics")			
Stocking dryers	—	—	28,614
Stokers, mechanical	—	—	1,639,683
Stoker parts	—	—	765,400
Stone, artificial	—	—	1,100,220
Stoneware	—	—	1
Store fixtures, n.e.s.	—	—	223,648
Stoves:			
Coal, wood or sawdust	No.	140,570	9,281,951
Solid fuel or oil with electric or gas combination	"	22,583	2,982,181
Electric stoves or ranges, all styles	"	160,881	23,508,720
Electric rangettes	"	50,722	1,677,200
Gasoline, fuel oil or kerosene stoves or ranges	"	66,052	5,529,254
Gasoline, fuel oil or kerosene stoves or space-heaters	"	143,596	3,789,957
Plates and grills, electric and gas	—	—	1,439,119
Other stoves and parts including cafeteria, restaurant, etc.	—	—	5,010,368
Straps, leather	doz.	154,321	408,997
Straws, drinking	M.	943,487	437,568
Streptomycin	—	—	1
Streptomycin preparations	—	—	206,402
Strings, racquet	—	—	1
Styrene	—	—	1
Sugar butter	lb.	3,382,225	698,386
Sugar, granulated:			
Beet	lb.	295,912,490	121,554,207
Cane	"	1,027,097,201	
Sugar, brown or yellow	"	131,106,475	11,036,465
Sugar, icing (starch added)	"	58,046,413	5,797,073
Sugar, invert	—	—	1
Sugar, loaf	lb.	11,509,090	1,319,293
Sugar, maple (Factory made)	—	—	1
Sugar of milk	lb.	1,138,705	204,110
Sugar, pulverized (no starch added)	"	4,278,075	409,814
Sugar, n.e.s.	—	—	41,442
Suits: (see also, "Clothing, suits, sport")			
Boys':			
Rayon	No.	13,548	146,196
Rayon and wool, chiefly rayon	"	13,601	155,541
Rayon and wool, chiefly wool	"	56,488	505,600
Wool	"	173,697	1,695,214
Not specified	—	—	35,088
Children's:			
Cotton	No.	56,193	130,260
Silk and rayon	"	20,491	104,425
Wool	"	16,876	126,562
Playsuits and wash suits, n.s.	doz.	94,770	1,010,834
Not specified	No.	19,116	76,002
Men's and youths':			
Rayon	"	17,170	388,405
Rayon and wool, chiefly rayon	"	34,285	487,127
Rayon and wool, chiefly wool	"	162,468	3,591,821
Wool	"	1,467,922	51,119,432
Women's and misses':			
Cotton	"	14,165	170,127
Linen	"	3,323	35,898
Silk and rayon	"	189,466	2,528,526
Wool	"	608,283	15,333,053
Not specified	"	40,047	1,354,647
Women's and children's, knitted, n.s.	doz.	3,483	336,875
Suits, slack:			
Boys':			
Cotton and other	No.	6,919	40,471
Men's and youths':			
Cotton	"	19,776	343,228
Other	"	226	4,740
Suits, uniform:			
Men's and youths':			
Military	"	106,763	914,334
Non-military	"	111,342	3,250,227
Boys'	"	124	1,488
Superheaters	—	—	1
Superphosphate	—	—	1
Surfacers, wood-working	No.	435	62,583
Surgical and orthopaedic appliances and surgical dressings:			
Surgical bandages and dressings	—	—	1
Surgical belts	doz.	8,801	875,761
Surgical stockings, elastic	—	—	180,266
Orthopaedic corsets	pr.	143	6,612
Artificial limbs	No.	1,083	226,756
Foot easers, arch supports, knee caps etc.	—	—	330,778
Trusses	No.	69,461	190,318
Other surgical supports	—	—	492,806
Surgical instruments and orthopaedic appliances, not specified	—	—	516,291
Suspenders, supporters and garters	doz.	401,776	1,676,617

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Alphabetical List of Products Manufactured in Canada, 1950 — Continued

Items	Unit of measure	Quantity	Value
			$
Swathers	No.	9,079	3,955,376
Sweaters, jackets, etc.	doz.	1,266,826	24,289,402
Sweeping compounds	—	—	460,339
Switch gear and protective equipment (except telephone switch-boards)	—	—	26,368,583
Synthetic and plastic products, n.e.s.	—	—	26,663,527
Syringes, fountain and attachments	doz.	29,528	112,429
Syrup, corn	—	—	1
Syrup, fountain, fruit, etc.	gal.	1,363,915	2,899,944
Syrup, maple (factory made)	—	—	1
Syrup, table	—	—	438,425
Syrups from cane, not incl. molasses	—	—	928,687
Syrups for soft drinks (for sale)	gal.	4,860,919	8,623,933
Syrups, other	—	—	22,048
Syrup making equipment (maple)	—	—	207,277
Table cloths and napkins	—	—	562,751
Table cloths, plastic	—	—	604,235
Tableware, plastic	—	—	530,925
Tableware, pottery	—	—	2,925,679
Tacks, cut, wire	M	3,417,933	790,153
Tags and labels, shipping	—	—	17,270,596
Tags and tickets, price	—	—	2,687,323
Tailors' supplies, n.e.s.	—	—	2,964,814
Tallow	lb.	81,808,764	7,090,305
Tankage, animal	No.	24,506	2,006,380
Tanks, steel, storage, black, galvanized, etc.	—	—	8,419,700
Tanks, pressure, n.e.s.	—	—	1,671,582
Tanks, steel, pneumatic	—	—	818,016
Tanks, steel, septic	—	—	471,215
Tanks, other, not specified	—	—	4,101,989
Tanners' bate	—	—	1
Tape, adhesive	—	—	1
Tape, rubber and friction	lb.	2,400,835	1,762,833
Tape, paper, gummed	—	—	3,806,908
Tape, telegraph	—	—	1
Tapes, fabric	—	—	2,094,235
Tapes, measuring, steel, etc.	—	—	1
Tapestries and other upholstering materials	—	—	7,161,930
Tapioca	—	—	1
Tar, coal, crude	Imp. gal.	40,428,463	4,234,850
Tar, refined	" "	4,324,803	661,048
Tar from petroleum refineries	lb.	811,230	60,680
Targets, clay	—	—	49,918
Tea, blended, etc.	lb.	45,582,196	42,391,709
Telephone material	—	—	29,720,985
Television equipment	—	—	7,930,365
Tenoners, wood-working	No.	92	56,632
Tents	"	22,294	734,135
Textile and leather specialties, n.e.s.	—	—	2,224,475
Thermometers, all kinds	—	—	1
Thickeners, mining and metallurgical	—	—	1
Thinners, pyroxylin	Imp. gal.	1,940,186	2,474,844
Thread, cotton	—	—	10,628,819
Thread, rayon, silk etc. (See also "Yarn")	—	—	699,328
Threading machines	No.	31	68,686
Threshers and combine reaper-threshers and attachments	—	—	42,260,180
Ties, wooden	No.	4,718,587	6,909,331
Tile, asphalt	—	—	2,689,989
Tile, drain (from domestic clay)	—	—	1,384,724
Tile, floor (from domestic clay)	—	—	94,388
Tile, floor and wall (from imported clay)	—	—	1
Tile, gypsum	—	—	1
Tile, hollow blocks including fire proofing and load-bearing tile	ton	178,372	2,872,885
Tile, haydite and other haydite products	—	—	1
Tile, plastic	—	—	269,945
Tile, other not specified	—	—	306,904
Tiling and flooring, rubber	lb.	7,601,006	2,195,472
Tin alloys	—	—	1
Tin	lb.	175,663	176,210
Tinned plate and scrap	ton	7,159	195,456
Tinsel garlands and ribbons	—	—	1
Tinware, japanned or not	—	—	588,742
Tire braids, auto	—	—	1
Tire fabrics	lb.	28,875,041	20,992,318
Tires and tubes:			
Balloon, casings	No.	4,839,719	108,853,721
High pressure casings	"	2,422	29,675
Balloon and high pressure inner tubes	"	4,020,876	11,205,284
Aeroplane tires	"	2,655	194,750
Aeroplane tubes	"	1,851	9,767
Bicycle tires	"	611,181	719,391
Bicycle tubes	"	605,519	362,011
Implement and tractor tires	"	544,972	12,282,465
Implement and tractor tubes	"	545,812	1,887,807
Industrial tires	"	20,293	192,445
Motorcycle tires	"	6,936	81,848
Motorcycle tubes	"	11,939	29,469
Other rubber tires, n.e.s.	—	—	278,585
Tires, railway car	—	—	1
Tissues, cleansing, paper	—	—	1
Toasters, electric	No.	326,928	1,834,668

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Alphabetical List of Products Manufactured in Canada, 1950 — Continued

Items	Unit of measure	Quantity	Value
			$
Tobacco:			
Chewing, cut and twist	lb.	205,465	345,988
Chewing, plug	"	1,557,086	2,664,775
Smoking, leaf	"	110,403	64,045
Smoking, cut	"	26,094,861	49,876,126
Smoking, plug	"	589,499	923,599
Snuff	"	947,592	2,038,976
Stems and cuttings	—	—	4,570
Tobacco, raw leaf, processed	lb.	125,368,981	65,907,261
Tobacco curing equipment	—	—	149,049
Tobacco pouches	—	—	91,786
Toboggans	—	—	346,818
Toilet preparations, n.e.s.:			
Bath salts and bath oils	—	—	358,633
Brilliantine, solid	—	—	58,184
Compacts (powders and rouge)	—	—	112,876
Creams, solid, or liquid, all kinds	—	—	2,744,111
Home permanent wave kits	—	—	2,185,393
Rouge and lipsticks	—	—	1,130,745
Shampoosand hair rinses	—	—	2,264,434
Bay rum, hair tonics, brilliantine, liquid	—	—	2,523,973
Toilet water and lotions	—	—	3,955,681
All other	—	—	3,601,432
Toiletware, silver and brass	—	—	659,841
Toluene	—	—	564,966
Tomato catsup, canned	lb.	2,873,846	511,419
Tomato catsup, other	"	17,988,923	4,019,778
Tomato juice	"	72,339,153	5,233,986
Tomato paste and puree	"	12,054,638	1,043,360
Tomato pulp	"	3,664,565	192,351
Tools, carpenters' and mechanics', other than portable pneumatic and electric tools	—	—	3,911,881
Tools, machine, n.e.s.	—	—	893,589
Tools, small, cutting	—	—	2,773,271
Tools, n.e.s.	—	—	6,710,954
Toothpicks	—	—	100,355
Toppings, for ice cream and cake	—	—	960,741
Towels, all kinds	doz.	1,488,854	6,744,860
Towels, sanitary, all kinds	—	—	7,559,493
Towels, paper	cases	726,636	2,760,699
Toys:			
Metal	—	—	2,122,894
Plastic	—	—	3,256,993
Rubber	doz.	96,345	486,336
Wooden	—	—	912,064
Miscellaneous, including model aeroplanes	—	—	2,476,190
Tractors	—	—	13,058,295
Trade work, n.e.s. (printing plant)	—	—	1,867,146
Trailers:			
Cabin or house type	—	—	494,129
Commercial (except logging)	—	—	7,634,027
Logging	—	—	996,272
Not specified	—	—	1,699,987
Transfers, paper, decalcomania	—	—	1,466,328
Transfers, paper, dry	—	—	167,817
Transformers	—	—	38,152,600
Transformer parts	—	—	746,337
Transmission towers, electric (see "Steel shapes")			
Traps and fittings, lead	lb.	1,531,460	557,804
Traps, mouse and rat, etc.	—	—	1
Trays, food	—	—	198,841
Trichlorethylene, refined	—	—	1
Trimmings, not specified	—	—	703,270
Troughs, water	—	—	1
Trophies	—	—	323,770
Trucks, factory and other hand trucks	—	—	1,683,534
Trucks parts and bodies, farm	—	—	1
Trucks, other n.e.s.	—	—	125,257
Trunks, all kinds	No.	159,268	1,472,680
Tubes, collapsible	—	—	1
Tubing, brass, bronze and aluminum	—	—	3,787,465
Tubes, vacuum, X-ray tubes	—	—	1
Tubing, rubber	lb.	566,264	232,047
Tubing, steel	—	—	10,263,451
Tubing and wristing, knitted	—	—	1,231,221
Tubs, laundry, cement	No.	40,241	436,073
Turbines and water wheels	—	—	7,029,730
Turpentine	—	—	1
Twine and cordage:			
Baler twine, all sisal	lb.	7,523,080	1,599,152
Binder twine, all sisal and chiefly sisal	"	39,126,566	6,468,269
Other twine, all sisal	"	5,928,023	1,782,007
Other twine,all hemp and all flax	"	224,585	170,878
Other twine, all jute	"	2,078,030	835,753
Other twine and cordage, not specified	"	—	4,991,332
Type and type metal	lb.	9,129,748	2,157,457
Typesetting (trade composition)	—	—	4,176,902
Typewriters	—	—	7,788,635
Typewriter ribbons	—	—	1,007,865
Umbrellas	doz.	33,413	1,131,193
Undertakers' supplies, n.s.	"	—	538,686

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1950 — Continued

Items	Unit of measure	Quantity	Value
			$
Underwear, knitted or of knitted fabrics:			
Men's and youths':			
Combinations:			
Cotton or chiefly cotton	doz.	250,141	5,295,827
Rayon or chiefly rayon	"	4,399	91,314
Wool or chiefly wool	"	78,340	2,904,499
Shirts:			
Cotton or chiefly cotton	"	223,487	1,817,237
Rayon or chiefly rayon	"	4,730	90,838
Wool or chiefly wool	"	24,693	820,843
Drawers:			
Cotton or chiefly cotton	"	97,240	1,115,596
Wool or chiefly wool	"	20,407	712,941
Shorts:			
Cotton or chiefly cotton	"	327,476	2,217,893
Other	"	6,512	83,152
Not specified	"	4,924	30,055
Boys':			
Combinations:			
Cotton or chiefly cotton	"	97,901	1,302,800
Wool or chiefly wool	"	8,674	174,792
Shirts:			
Cotton or chiefly cotton	"	88,270	823,858
Wool or chiefly wool	"	1,515	14,787
Drawers:			
Cotton or chiefly cotton	"	14,305	91,055
Wool or chiefly wool	"	1,524	15,384
Shorts:			
Cotton or chiefly cotton	"	67,170	314,960
Not specified	"	2,179	19,101
Women's and misses':			
Combinations:			
Cotton or chiefly cotton	"	9,803	78,741
Wool or chiefly wool	"	1,839	38,144
Drawers:			
Wool or chiefly wool	"	1,375	22,311
Bloomers, panties, etc.:			
Cotton or chiefly cotton	"	223,139	1,468,911
Rayon or chiefly rayon	"	907,027	4,617,526
Wool or chiefly wool	"	29,698	433,113
Vests:			
Cotton or chiefly cotton	"	160,529	819,395
Rayon or chiefly rayon	"	31,748	270,641
Wool or chiefly wool	"	15,566	262,542
Other, n.e.s.	"	35,274	305,932
Girls':			
Combinations:			
Cotton or chiefly cotton	"	17,576	102,965
Bloomers, panties, etc:			
Cotton or chiefly cotton	"	245,545	855,885
Rayon or chiefly rayon	"	120,624	406,425
Wool or chiefly wool	"	7,192	95,371
Drawers:			
Cotton or chiefly cotton	"	1,830	11,386
Vests:			
Cotton or chiefly cotton	"	62,031	286,987
Rayon or chiefly rayon	"	798	4,031
Wool or chiefly wool	"	2,066	22,343
Not specified	"	4,316	40,950
Children's and infants':			
Combinations:			
Cotton or chiefly cotton	"	22,697	136,574
Other	"	1,743	24,220
Drawers and panties:			
Cotton or chiefly cotton	"	186,804	546,211
Rayon or chiefly rayon	"	8,372	39,016
Wool or chiefly wool	"	2,956	28,699
Vests:			
Cotton or chiefly cotton	"	199,067	944,736
Rayon or chiefly rayon	"	459	1,540
Wool or chiefly wool	"	15,935	133,526
Underwear, woven fabrics:			
Men's and youths':			
Combinations:			
Cotton	"	5,782	80,550
Shorts:			
Cotton	"	77,209	653,705
Nylon	"	1,926	39,427
Rayon	"	61	899
Undershirts:			
Cotton	"	5,267	30,607
Women's and misses':			
Bloomers, panties, etc.:			
Cotton or chiefly cotton	"	72,750	173,869
Rayon or chiefly rayon	"	131,867	688,550
Nylon or chiefly nylon	"	4,459	54,211
Not specified	"	1,379	13,143
Children's:			
Bloomers, panties, etc.:			
Cotton or chiefly cotton	"	13,309	46,799
Rayon or chiefly rayon	"	58,018	191,915

Alphabetical List of Products Manufactured in Canada, 1950 — Continued

Items	Unit of measure	Quantity	Value
			$
Underwear, woven fabrics — concluded:			
Underwear, not specified:			
Men's and boys'	doz.	83,830	450,237
Women's and misses'	"	6,783	19,092
Children's	"	4,389	29,189
Not specified	"	35,209	471,349
Underslips:			
Rayon	"	391,426	6,562,948
Rayon mixtures	"	151,746	2,567,524
Cotton	"	34,335	302,314
Nylon	"	27,397	809,354
Not specified	"	99,591	1,996,576
Uniforms, cotton, nurses', maids', etc.	—	—	1,742,003
Uniforms, other (See also "Pants, uniform")	—	—	168,759
Upholstering materials, (see "Tapestries")			
Valves, brass and bronze	—	—	4,896,158
Valves, iron	—	—	4,052,337
Valves, steel	—	—	1,778,490
Valves, tire	—	—	1
Valves, not specified	—	—	1,156,466
Varnishes	—	—	9,337,369
Vaults, burial, cement and other	—	—	271,695
Vegetables, canned:			
Asparagus	lb.	4,673,252	1,491,680
Beans, baked	"	92,573,099	9,356,397
Beans, green or wax	"	32,823,457	3,495,977
Beans, lima	"	1,375,380	166,370
Beets	"	14,062,112	1,356,880
Carrots	"	7,853,545	583,933
Carrots and peas	"	5,627,003	682,495
Corn, cream of, whole grain etc.	"	64,920,487	7,195,730
Mushrooms	"	1,211,687	568,204
Peas	"	71,273,495	8,120,141
Pumpkin and squash	"	4,295,674	281,461
Spinach	"	3,895,786	519,929
Tomatoes	"	48,312,240	3,782,118
Vegetables, mixed	"	10,149,592	1,024,056
Vegetables, other	"	5,400,169	695,115
Vegetables, evaporated and dehydrated	"	214,655	158,422
Vegetables in brine	"	756,860	78,311
Vegetables, frozen or cold pack	"	16,155,950	2,472,553
Vegetable juices, canned	—	—	1
Vegetable peelers and slicers	—	—	139,732
Vehicles, children's	—	—	2,400,173
Vehicles, farm sleighs, wagons and trucks (See also, "Carriages and wagons", "Sleighs")	—	—	69,213
Veils and veiling	—	—	101,328
Velvet	—	—	1
Veneer	—	—	9,305,376
Veneer logs	M ft. b. m.	36,771	2,690,716
Veneer and plywood products n.e.s.	—	—	96,460
Ventilators	—	—	1,105,717
Vests, woollen	No.	6,463	45,802
Vests, other	doz.	1,340	49,717
Vinegar made for own use	Imp. gal.	627,164	
Vinegar made for sale:			
Spirit	Imp. gal.	5,797,420	2,268,572
Cider	" "	639,956	244,136
Malt	" "	260,969	156,193
Vinyl acetate	—	—	1
Vitamin preparations	—	—	10,250,674
Waffle irons	No.	52,272	515,562
Wagons (see "Carriages and wagons")			
Wall board, gypsum	sq. ft.	230,684,144	7,578,826
Wall board, paper (see "Paper board")			
Wall plaster, gypsum	ton	194,761	3,579,470
Wall plaster, other	—	—	381,635
Wardrobes, wall board	—	—	461,546
Washboards	No.	113,995	59,993
Washers, leather	doz.	1,710,880	134,642
Washers and gaskets, iron, steel, etc.	—	—	2,449,188
Washing compounds	—	—	328,190
Waste, cotton and wool	—	—	8,333,106
Waste, wood	ton	112,156	518,280
Waste, other, not specified	—	—	2,061,554
Watches, assembled	No.	571,411	1,319,346
Watch bracelets, cases, etc.	—	—	1,470,530
Water, aerated	gal.	102,709,068	74,115,406
Water, distilled	"	271,626	43,618
Water, mineral, natural	—	—	103,370
Waterproofing of fabrics	yd.	1,661,603	290,051
Waterproofing preparations	—	—	284,461
Wax and wax compounds all kinds	—	—	2,787,353
Wax, sealing	—	—	1
Weatherstrip	—	—	935,142
Weaving, custom	—	—	1,599,315
Webbing, elastic	—	—	2,537,768
Webbing, other	—	—	1,261,395
Weeders	No.	2,157	419,867
Weed killer	—	—	3,138,911
Welding apparatus with control equipment and accessories	—	—	3,234,541
Welding compounds and fluxes	—	—	25,744
Welding rods and welding wires (Included in "Wire, steel, plain")			

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1950 — Continued

Items	Unit of measure	Quantity	Value
			$
Welting	yd.	10,492,645	1,041,617
Wheelbarrows and parts	—	—	278,302
Wheels, automobile	—	—	1
Wheels, railway car	—	—	5,208,022
Wheels, not specified	—	—	195,825
Whips	No.	6,517	4,104
Whiskies (see "Spirits")			
Whisks	doz.	49,882	190,015
Windmills	—	—	1
Windows, complete, aluminum and other	—	—	2,113,061
Wine sold during the year	Imp. gal.	4,458,837	9,870,234
Wine produced and placed in storage for maturing	" "	5,884,844	3,603,036
Wine spirit	—	—	1
Wiping cloths and rags, washed and sterilized	lb.	10,833,525	2,771,792
Wiping cloths and rags, other	—	—	946,842
Wire, brass and copper	—	—	1
Wire, gold filled and alloys	—	—	925,984
Wire, steel:			
Barbed:			
Quantity made	ton	11,720	
Quantity sold	"	12,032	1,683,740
Cold rolled flat, all sizes:			
Quantity made	"	3,168	
Quantity sold	"	1,464	358,370
Galvanized:			
Quantity made	"	65,643	
Quantity sold	"	29,938	4,699,619
Plain:			
Quantity made	"	262,966	
Quantity sold	"	81,151	10,750,638
Strand, twisted:			
Quantity made	"	4,569	
Quantity sold	"	5,991	1,610,672
Other, coated:			
Quantity made	"	2,176	
Quantity sold	"	1,832	400,984
Wire and cable, electrical	—	—	90,858,301
Wire rope and cable, n.s.	—	—	10,182,158
Wire, tungsten	—	—	1
Wire cloth, iron and steel, including screen cloth	—	—	7,916,591
Wire mesh, steel, woven or welded	ton	9,300	1,616,265
Wire netting	"	1,187	359,601
Wire goods, not specified	—	—	5,227,880
Wiring devices, not elsewhere specified	—	—	14,581,533
Wooden products, n.s.	—	—	5,341,087
Wood flour	ton	6,125	166,536
Woodenware, kitchen	—	—	432,525
Woodenware, not specified	—	—	612,389
Wood preservation	—	—	1
Wood preservatives	—	—	464,923
Wood turning, n.s.	—	—	634,364
Woodwork, sanitary	—	—	520,622
Wool pulled	lb.	1,835,997	1,759,909
Wool tops	—	—	1
Wool noils	—	—	1
Wool or part wool, reworked or reprocessed	lb.	8,396,822	1,727,873
Woollen cloth, woven:			
Suitings, dress goods, overcoatings, etc.:			
All wool, woollen	yd.	11,557,682	24,184,800
All wool, worsted	"	6,285,172	24,813,228
Woollen and worsted, mixed	"	228,226	903,470
Cotton warp, worsted	—	—	1
Cotton warp, woollen	yd.	888,798	710,725
Other woollen and mixtures	"	3,220,041	5,736,061
Other woven fabrics, wool or containing wool	"	555,588	1,045,048
Woven goods, not yard material	—	—	35,657
Wrappers, waxed (see "Paper, waxed")			
Wrappers, paper, other than waxed (see also "Boxes, paper, corrugated")	—	—	836,246
Wrappers, printed	—	—	3,291,299
Wringers, clothes	No.	202,524	1,976,408
Xylol	—	—	1
Yarns, spun for sale:			
Cotton:			
Grey, knitting	lb.	17,157,195	13,513,579
Grey, other, singles	"	10,956,674	7,275,278
Grey, other, plied	"	17,185,745	12,224,932
Bleached, knitting	"	559,672	600,314
Bleached, other	"	367,248	334,611
Coloured, knitting	"	3,489,494	3,099,381
Coloured, other	"	2,251,870	1,868,277
Tire cord	—	—	1
Other, including mercerized	lb.	3,559,022	3,793,374
Cotton and wool mixed:			
Grey	"	459,980	624,196
Bleached and coloured	"	41,676	71,520
Rayon, thrown	"	5,304,055	4,992,685
Nylon, thrown and other	"	1,811,253	7,120,512
Rubber, covered	—	—	1
Synthetic mixtures	lb.	706,240	940,508
Synthetic singles	"	23,705,425	24,825,823
Spun rayon and spun rayon mixtures	"	5,663,786	5,097,086

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1950 — Concluded

Items	Unit of measure	Quantity	Value
			$
Yarns, spun for sale — concluded:			
Woollen:			
Hand knitting	lb.	823,061	1,981,561
Machine knitting	"	5,572,346	6,495,274
Weaving	"	1,513,813	1,315,049
Carpet	"	2,807,766	2,442,137
Not specified	"	409,585	1,010,028
Worsted, oil spun:			
Hand knitting	"	2,066,079	6,653,311
Machine knitting	"	4,360,498	9,895,490
Weaving	"	1,417,108	3,610,886
Carpet	"	72,438	113,364
Worsted, dry spun:			
Weaving	"	453,600	928,615
Knitting	"	1,387,972	3,876,442
Yarns, not specified	"	1,195,181	1,184,031
Yeast, dry, bakers'	"	1,126,459	1,938,514
Yeast, dry, brewers'	"	2,300,334	165,398
Yeast, fresh (for sale)	"	22,025,818	3,308,295
Yeast, made for own use in breweries	"	3,147,695	
Yeast food, bread improver, etc.	"	4,796,223	593,701
Yoghourt	gal.	19,475	47,924
Zinc, refined, zinc alloys, etc.	lb.	11,478,372	2,059,059
Zinc chloride	—	—	1
Zinc naphthenate	—	—	1
Zinc oxide and zinc dust	—	—	1
Zinc products, not specified	—	—	109,981
Manufactured food products, packaged only	lb.	18,959,373	3,072,978
Amount received by clothing contractors	—	—	9,571,098
Inter-company transfers	—	—	1,609,545
All other products, not specified:			
Foods and beverages	—	—	6,314,330
Tobacco and tobacco products	—	—	—
Rubber products	—	—	645,990
Leather products	—	—	3,109,508
Textile products (except clothing)	—	—	1,930,204
Clothing (textile and fur)	—	—	1,187,969
Wood products	—	—	2,577,440
Paper products	—	—	2,614,503
Printing, publishing and allied industries	—	—	5,740,969
Iron and steel products	—	—	58,488,790
Transportation equipment	—	—	61,384,336
Non-ferrous metal products	—	—	12,477,221
Electrical appartus and supplies	—	—	8,430,087
Non-metallic mineral products	—	—	9,161,567
Products of petroleum and coal	—	—	478,581
Chemicals and allied products	—	—	16,689,157
Miscellaneous manufacturing industries	—	—	2,923,942
Custom work and repairs:			
Foods and beverages	—	—	2,714,205
Tobacco and tobacco products	—	—	—
Rubber products	—	—	—
Leather products	—	—	1,015,219
Textile products (except clothing)	—	—	4,205,640
Clothing (textile and fur)	—	—	1,776,039
Wood products	—	—	6,997,820
Paper products	—	—	16,323
Printing, publishing and allied industries	—	—	—
Iron and steel products	—	—	50,430,358
Transportation equipment	—	—	103,283,044
Non-ferrous metal products	—	—	2,394,460
Electrical apparatus and supplies	—	—	4,131,869
Non-metallic mineral products	—	—	431,053
Products of petroleum and coal	—	—	—
Chemicals and allied products	—	—	—
Miscellaneous manufacturing industries	—	—	6,621,478
Products which were reported by only one or two firms and for which figures cannot be shown separately (See commodities indicated by footnote 1)	—	—	514,798,584
Total Value of Products Listed	—	—	**14,148,231,961**
Adjustments due to valuation of intermediate products, excise taxes, etc.	—	—	330,705,580
Total	—	—	**13,817,526,381**

1. Indicates that the commodity was reported by only one or two concerns.

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General Manufactures Section

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PART I. GENERAL ANALYSES OF MANUFACTURING

Section 1. Growth of Manufacturing

In this report the manufacturing industries of Canada are dealt with in two Parts. Part I gives general analyses including the historical development of manufacturing; detailed treatment of current production under various groupings and by individual industries; and principal factors in manufacturing production such as physical volume of production, capital, employment, salaries and wages, size of establishment, and power and fuel. Part II deals with the provincial and local distribution of manufacturing production.

With regard to historical development, it is impossible to give absolutely comparable statistics over a long period of years. From 1870 to 1915 statistics were collected only in connection with decennial or quinquennial censuses, and there was inevitably some variation in the information collected. The annual Census of Manufactures was instituted in 1917 and while numerous changes have been made since then in the information collected and the treatment of the data, an effort has been made to carry all major revisions, in so far as possible, back to 1917 so that the figures for the period since then are on a reasonably comparable basis.

Canada is no longer on the fringes of industrialization but ranks among the world's most important manufacturing countries. Basic historical developments, such as the opening of the West and the magnitude of requirements of all kinds for World Wars I and II, have been followed by recent discoveries of far-reaching significance. Such events as the discovery of a major oil pool on the prairies in 1947, the discovery of large-scale deposits of iron and the successful search for uranium have given new dimensions to Canadian thinking and business planning. These are the factors that explain the records of capital expenditures year by year since the end of the War. Yet it is not the mere rate of expansion that is significant. There have been other periods when Canada's population has grown more rapidly and in many respects the rate of industrial expansion in the late 1920's was relatively as great as in the post-war years. The real significance of the latter period is that never before has there been an advance on such a broad industrial front.

The second point to be observed is the changing emphasis of Canadian manufacturing activity. By 1949 the period of post-war conversion was passed and Canada had entered a new phase of economic expansion which derived its dynamic from the discovery of new resources and the application of new processes. This meant that even the sharp recession in the United States in the year 1949 failed to have significant effects in Canada. The influence of Korea and the consequent re-armament program gave an added impetus to the expansion of Canadian industry and to the development of Canadian basic resources. Capital expenditures that contributed most to the defence of Canada were given priority. Additional capacity was created to meet the requirements of the specialized defence program — aircraft, electronic equipment, ships and guns — many items of which had never before been produced in Canada. Measures such as steel control, credit regulations and deferred depreciation had the desired effect. A shift gradually took place toward the further expansion of basic industrial capacity and away from investment in consumer goods and services.

It should be emphasized that Canada's development as an industrial country is based upon and not independent of her position as a trading nation. In 1952, Canada was sixth among the world's industrial powers and the world's third largest trader. Canada's exports earn a quarter of her income and Canada's per capita trade at $571 is higher than that of any other country. At the same time, Canada's position has become more closely linked with the North American Continent and trade with the United States has grown to the point where that country took nearly 60 p.c. of Canada's exports in 1951.

The stability of current levels of manufacturing is indicated by the fact that such activity is the result of business assessments of resources and market potentialities. Millions of dollars are being invested in oil because the prairies can produce oil as economically as other great fields on the North American Continent. Petro-chemical plants are being erected because the raw materials are readily at hand. Kitimat is based on the coincidence of abundant and cheap hydro-power and access to ocean transportation, both of which are essential to the low-cost production of aluminum. The exploitation of the Ungava iron deposits rests on the belief that the steel industry of the North American Continent will need the high-grade ores involved in order to meet continuing peace-time demands. No country is in a more favourable position than Canada to supply uranium for the production of atomic energy.

The manufacturing industries of Canada in 1951 again established a new record in gross value of production with a total of $16,392,187,132. This represents an increase of 18.6 p.c. over the previous year's value. Part of the increased value was accounted for by an increase of about 6.0 p.c. in the physical volume of production and the balance by increased prices of fully and partly manufactured products. Accompanying the rise in output was an increase of 6.3 p.c. in the number of persons employed, with an increase of 18.2 p.c. in the salaries and wages paid. Salary and wage payments at $3,276,280,917 were the highest on record, and exceeded the previous high reported in 1950 by $505,013,482.

Not all segments of manufacturing production were affected to the same degree by the impact of the war in Korea. The greatest expansion was reported by the industries classified in the durable goods group which, according to preliminary estimates, achieved an increase of 10.3 p.c. in the physical volume of production, as compared with an increase of only 2.7 p.c. for the industries producing non-durable goods. For manufacturing as a whole the increase was 6.1 p.c., the index at 242.1 being only 0.2 points below the record wartime level attained in 1944

As was to be expected, the industries producing for national defence made the greatest gains in production during 1951. Accordingly, most of the industry groups producing durable goods reported increased activity, while only a few of the industry groups producing consumer goods reported increases in production. The transportation equipment group with an increase of 20 p.c. in physical volume experienced the greatest expansion in production. This was followed by products of petroleum and coal with 13 p.c., iron and steel products 11 p.c., non-ferrous metal products 10 p.c., non-metallic mineral products 9 p.c., paper products 8 p.c., electrical apparatus and supplies 7 p.c., chemicals and allied products 6 p.c., rubber products 5 p.c., foods and beverages 4 p.c., wood products 3 p.c., and miscellaneous industries 0.5 p.c. In the non-durable goods sector, the greatest decline in physical volume of production was reported by the leather products group with 8 p.c., followed by tobacco and tobacco products with 7 p.c., clothing 4 p.c., textiles 2 p.c. and printing, publishing and allied industries 0.3 p.c.

Manufacturing establishments reporting in 1951 numbered 37,021. These plants furnished employment to 1,258,375 persons who received $3,276,280,917 in salaries and wages. They also produced goods with a selling value at the factory of $16,392,187,132 and spent $9,074,526,353 for materials, while the value added by manufacture totalled $6,940,946,783. It should be remembered that the value added by manufacture does not represent the manufacturers' profits. The value added is obtained by substracting the cost of materials, including fuel and electricity, from the value of products. The difference represents the value added to the materials by labour. It is this difference which the employer of labour uses to pay for the

labour itself, the overhead expenses, interest and profits. Compared with the previous year, there was an increase of $998,888,554 in the value added by manufacture.

Fifteen leading industries accounted for nearly half the total value of production of all industries in 1951. The largest industry — pulp and paper — which has been steadily expanding since the end of the War, is embarking on a further stage of development. From 1946 to 1951 the physical volume of production of the industry increased by one-third and new projects were under way or in an advanced state of planning. For example, in British Columbia a $40,000,000 mill was nearing completion and projects involving around $75,000,000 were under construction. Other multi-million-dollar plants were scheduled for Alberta, and significant additions to capacity were planned by a number of Ontario and Quebec companies. In 1951, a 5-p.c. increase was secured in newsprint production by speeding up machines and by more efficient plant operation. New mills contributed to a 20-p.c. increase in market pulp production and a 14-p.c. increase in the output of paperboard and papers other than newsprint. The gross value of production of this industry rose from $954,000,000 in 1950 to $1,238,000,000 in 1951. The industry ranks first in wages paid, first in new investment, first in exports as well as first in value of output. It produced one-quarter of the world's output of wood-pulp. Most of the production was processed domestically to provide 54 p.c. of the world's supply of newsprint.

Five industries in the foods and beverages group ranked among the 15 largest in Canada. Because of the basic importance of agriculture to the Canadian economy these industries are in the forefront of industrial activity. The raw products of the farm must be further processed in meat-packing plants, in canning factories, in milk, cheese and butter establishments or in flour mills. The value of production of the slaughtering and meat-packing industry, which ranks second, rose from $757,000,000 in 1950 to $892,000,000 in 1951; butter and cheese production was valued at $331,000,000 in 1950 and $374,000,000 in 1951; flour milling reported a rise in gross value of production from $247,000,000 in 1950 to $281,000,000 in 1951; over the same period miscellaneous food preparations advanced from $180,000,000 in 1950 to $260,000,000 in 1951; the bread and other bakery products industry showed a gain from $215,000,000 in 1950 to $245,000,000 in 1951. In the post-war years, despite the virtual completion of war relief and emergency feeding programs, the food industries have continued to forge ahead. In 1951 farm income was the highest on record and agriculture's contribution to the Gross National Product of Canada was 30 p.c. higher than in 1950.

The third leading industry — non-ferrous smelting and refining — had a gross value of production of $670,000,000 in 1950 which rose to $861,000,000 in 1951. Canada has been the world's leading exporter of non-ferrous metals for over a decade and is also one of the world's leading producers of non-ferrous metals, standing first in the production of nickel, second in aluminum and zinc and fourth in copper and lead. The most important base-metal ore-bodies, at Sudbury, Ont., and Kimberley, B.C., were discovered before the turn of the century. They contain ores of two or more base metals intimately associated and frequently containing appreciable quantities of precious metals such as gold, silver and platinum. Present-day extraction methods are a triumph of modern techniques. Important new discoveries of non-ferrous metals include copper in the Gaspe Peninsula, copper-zinc ores at Chibougamau and zinc in Barraute Township in northwestern Quebec, titanium at Allard Lake on the Gulf of St. Lawrence and nickel-copper at Lynn Lake in northern Manitoba.

The manufacture of motor-vehicles was Canada's fourth largest industry in 1951 and the motor-vehicle parts industry ranked thirteenth. Gross value of production of motor-vehicles rose from $676,000,000 in 1950 to $743,000,000 in 1951 when the productive capacity of the industry was nearly three times the pre-war capacity. In 1951 a record number of over 415,000 vehicles of all types were produced; in the same year retail sales of passenger cars amounted to $683,000,000 and sales of commercial vehicles to $267,000,000, both record highs. The trend of passenger-car ownership reflects the rising standard of living and the growth of the motor-vehicle industry: in 1939 there were 9.5 persons for each passenger car in the country and in 1951 an estimated 6.7 persons per passenger car. The development of the motor-vehicle parts industry also moved upward, production rising from $227,000,000 in 1950 to $263,000,000 in 1951.

The fifth leading industry — petroleum products — grew from $512,000,000 in 1950 to $599,000,000 in 1951. In many respects petroleum has been Canada's most outstanding post-war development. Crude petroleum production almost quadrupled from 1947 to 1951 and refining capacity increased by 50 p.c.

For the Canadian lumber industry, 1951 was a year of near-record activity, the output of sawmills advancing from $497,000,000 in 1950 to $592,000,000. For most of the period since the end of the War, demand for sawmill products continued to exceed the available supply and, as a reflection, lumber prices more than doubled. During these years the annual lumber output averaged 6,200,000,000 bd. ft., a 60-p.c. increase over the average rate for the four years immediately prior to World War II.

Gross value of production of the primary iron and steel industry advanced from $341,000,000 in 1950 to $465,000,000 in 1951. The industry is making tremendous progress because of the expansion of iron-ore production; between 1945 and 1951 production of the Steep Rock mines increased from 500,000 tons to more than 1,300,000 tons and an annual 3,000,000-ton output is expected by 1955. Potentially more important are the developments presently taking place in the Quebec-Labrador area. When production in this field gets under way in 1954, Canada should rank among the six largest producers of iron ore in the world.

Increased activity has been reported by the railway rolling-stock industry. This industry, which in 1950 ranked sixteenth with a gross value of production of $194,000,000 moved up into tenth position in 1951 with an output of $301,000,000.

In the textile group, only one industry ranked among the fifteen largest. The output of the cotton yarn and cloth industry advanced from $257,000,000 in 1950 to $274,000,000. Both the men's and women's factory clothing industries failed to rank among the leading fifteen industries in 1951. The textile industry was typical of other consumer goods industries which faced a market softening. Investment resources had been largely expended on the basic enlargement of industrial capacity and in the early post-war years production had been expanded to meet large backlogs of demand. The outbreak of hostilities in Korea provided another stimulus to sales but, as this precautionary buying subsided, idle capacity developed in some industries. The same condition in other industrialized countries resulted in an increase in competition in the Canadian market. The gross value of production of the textile industry rose by 110 p.c. between 1946 and 1951. New investment was high during those years and despite the considerable decline in production and sales from early 1951, planned investment in 1952 was up to the levels of the two previous years.

The gross value of production of the rubber goods industry advanced from $239,000,000 in 1950 to $312,000,000 in 1951. Canada ranks among the leading countries of the world as a manufacturer of rubber goods and the industry makes an important contribution to the country's export trade. It should be pointed out, however, that much of the increase in 1951 was accounted for by price advances. While many kinds of rubber footwear were produced at a rate exceeding that of 1950, there was a decline in the physical production of some important items such as passenger car tires. The industry is practically confined to Ontario and Quebec with Ontario accounting for almost 70 p.c. of production and employment.

Percentage changes in manufacturing production of each province from 1944 (the wartime high) to 1949 and from 1949 to 1951 were as follows:

Province	1949 Compared with 1944[1]			1951 Compared with 1949[2]		
	Number of employees	Salaries and wages	Gross value of products	Number of employees	Salaries and wages	Gross value of products
Newfoundland	—	—	—	+ 5.8[3]	+ 27.3[3]	+ 28.2[3]
Prince Edward Island	- 2.2	+ 25.9	+ 69.2	- 0.7	+ 15.2	+ 24.3
Nova Scotia	- 22.5	- 8.8	+ 21.1	+ 4.1	+ 17.0	+ 22.6
New Brunswick	+ 1.2	+ 36.7	+ 52.2	+ 4.5	+ 21.1	+ 32.7
Quebec	- 8.0	+ 21.2	+ 29.3	+ 6.9	+ 24.2	+ 29.8
Ontario	- 1.3	+ 33.8	+ 40.6	+ 7.6	+ 27.9	+ 32.3
Manitoba	+ 2.5	+ 37.2	+ 34.7	- 1.2	+ 16.3	+ 16.2
Saskatchewan	- 12.3	+ 25.8	+ 23.0	+ 1.7	+ 18.0	+ 16.3
Alberta	+ 19.1	+ 65.9	+ 47.1	+ 10.1	+ 25.4	+ 23.2
British Columbia	- 13.7	+ 9.9	+ 46.2	+ 12.9	+ 33.7	+ 46.4
Canada	- 4.8	+ 26.9	+ 36.7	+ 7.4	+ 26.4	+ 31.4

1. Excluding Newfoundland.
2. Including Newfoundland.
3. Exclusive of fish processing.

Tables 1 to 3 give a picture of the growth of manufacturing, in general, as shown by comparable principal statistics, i.e., establishments, capital, employees, salaries and wages paid, cost of materials and values of products. A number of interesting comparisons are made in Table 4 and figures of consumption are given in Table 5.

TABLE 1. Summary Statistics of Manufactures, 1917-51

Note. Statistics of manufacturing from 1870 have been published, but between that year and 1917 they are not on a comparable basis to the series given below. They will be found in Table 1 in the 1942 edition of this report. Statistics of the non-ferrous metal smelting industries were included in manufactures for the first time in 1925.

Year	Establishments	Capital	Employees	Salaries and wages	Cost of materials	Net value of products[1]	Gross value of products
	No.	$	No.	$	$	$	$
1917	21,845	2,333,991,229	606,523	497,801,844	1,539,678,811	1,281,131,980	2,820,810,791
1918	21,777	2,518,197,329	602,179	567,991,171	1,827,631,548	1,399,794,849	3,227,426,397
1919	22,083	2,670,559,435	594,066	601,715,668	1,779,056,765	1,442,400,638	3,221,457,403
1920	22,532	2,923,667,011	598,893	717,493,876	2,085,271,649	1,621,273,348	3,706,544,997
1921	20,848	2,697,858,073	438,555	497,399,761	1,365,292,885	1,123,694,263	2,488,987,148
1922	21,016	2,667,493,290	456,256	489,397,230	1,272,651,585	1,103,266,106	2,375,197,691
1923	21,080	2,788,051,630	506,203	549,529,631	1,456,595,367	1,206,332,107	2,662,927,474
1924	20,709	2,895,317,508	487,610	534,467,675	1,422,573,946	1,075,458,459	2,570,561,931
1925[2]	20,981	3,065,730,916	522,924	569,944,442	1,571,788,252	1,167,936,726	2,816,864,958
1926[2]	21,301	3,208,071,197	559,161	625,682,242	1,712,519,991	1,305,168,549	3,100,604,637
1927[2]	21,501	3,454,825,529	595,052	662,705,332	1,741,128,711	1,427,649,292	3,257,214,876
1928[2]	21,973	3,804,062,566	631,429	721,471,634	1,894,027,188	1,597,887,676	3,582,345,302
1929[2]	22,216	4,004,892,009	666,531	777,291,217	2,029,670,813	1,755,386,937	3,883,446,116
1930[2]	22,618	4,041,030,475	614,696	697,555,378	1,664,787,763	1,522,737,125	3,280,236,603
1931	23,083	3,705,701,893	528,640	587,566,990	1,221,911,982	1,252,017,248	2,555,126,448
1932	23,102	3,380,475,509	468,833	473,601,716	954,381,097	955,960,724	1,980,471,543
1933	23,780	3,279,259,838	468,658	436,247,824	967,788,928	919,671,181	1,954,075,785
1934	24,209	3,249,348,864	519,812	503,851,055	1,229,513,621	1,087,301,742	2,393,692,729
1935	24,034	3,216,403,127	556,664	559,467,777	1,419,146,217	1,153,485,104	2,653,911,209
1936	24,202	3,271,263,531	594,359	612,071,434	1,624,213,996	1,289,592,672	3,002,403,814
1937	24,834	3,465,227,831	660,451	721,727,037	2,006,926,787	1,508,924,867	3,625,459,500
1938	25,200	3,485,683,018	642,016	705,668,589	1,807,478,028	1,428,286,778	3,337,681,366
1939	24,805	3,647,024,449	658,114	737,811,153	1,836,159,375	1,531,051,901	3,474,783,528
1940	25,513	4,095,716,836	762,244	920,872,865	2,449,721,903	1,942,471,238	4,529,173,316
1941	26,293	4,905,503,966	961,178	1,264,862,643	3,296,547,019	2,605,119,788	6,076,308,124
1942	27,862	5,488,785,545	1,152,091	1,682,804,842	4,037,102,725	3,309,973,758	7,553,794,972
1943	27,652	6,317,166,727	1,241,068	1,987,292,384	4,690,493,083	3,816,413,541	8,732,860,999
1944	28,483	[3]	1,222,882	2,029,621,370	4,832,333,356	4,015,776,010	9,073,692,519
1945	29,050	[3]	1,119,372	1,845,773,449	4,473,668,847	3,564,315,899	8,250,368,866
1946	31,249	[3]	1,058,156	1,740,687,254	4,358,234,766	3,467,004,980	8,035,692,471
1947	32,734	[3]	1,131,750	2,085,925,966	5,534,280,019	4,292,055,802	10,081,026,580
1948	33,420	[3]	1,155,721	2,409,368,190	6,632,881,628	4,938,786,981	11,875,169,685
1949[4]	35,792	[3]	1,171,207	2,591,890,657	6,843,231,064	5,330,566,434	12,479,593,300
1950[4]	35,942	[3]	1,183,297	2,771,267,435	7,538,534,532	5,942,058,229	13,817,526,381
1951[4]	37,021	[3]	1,258,375	3,276,280,917	9,074,526,353	6,940,946,783	16,392,187,132

1. For 1924 and subsequent years the net value of production is computed by subtracting the cost of fuel and electricity and the cost of materials from the gross value. Figures prior to 1924 are not comparable because statistics for cost of electricity are not available.
2. A change in the method of computing the number of wage-earners in the years 1925 to 1930, inclusive, increased the number somewhat over that which the method otherwise used would have given. In 1931, however, the method in force prior to 1925 was re-adopted.
3. Not collected.
4. Includes Newfoundland.

TABLE 2. Summary Statistics of Manufactures, by Provinces, Significant Years, 1917-51

Province and Year	Establishments	Capital	Employees	Salaries and wages	Cost of materials	Net value of products[1]	Gross value of products
	No.	$	No.	$	$	$	$
Newfoundland:							
1949	793	4	6,934	15,486,336	31,228,173	32,918,776	67,264,282
1950	850	4	6,682	16,246,252	31,505,623	36,712,377	71,062,850
1951*	822	4	9,622	22,681,246	43,117,299	53,690,187	100,642,613
Prince Edward Island:							
1917	411	2,008,082	1,556	663,251	3,087,621	1,750,135	4,837,756
1920	370	2,328,686	1,287	855,210	4,164,223	2,135,857	6,300,080
1929[2]	263	2,646,354	2,074	727,286	2,862,725	1,466,446	4,408,608
1933	249	2,256,307	991	529,684	1,590,834	1,126,826	2,775,787
1939	222	2,682,900	1,088	617,945	2,239,117	1,243,979	3,543,681
1944	241	4	1,786	1,694,763	6,993,510	3,570,835	10,713,644
1945	234	4	1,851	1,679,212	8,242,949	3,178,434	11,592,753
1946	246	4	1,755	1,651,469	7,582,046	3,469,435	11,200,310
1947	260	4	1,906	1,938,467	8,610,332	3,849,353	12,653,451
1948	254	4	1,759	2,073,985	12,634,785	4,217,680	17,074,084
1949	251	4	1,747	2,133,555	13,537,144	4,338,320	18,123,200
1950	244	4	1,786	2,342,180	15,243,042	4,284,417	19,811,023
1951	237	4	1,735	2,459,553	17,177,748	5,046,797	22,523,439
Nova Scotia:							
1917	1,337	124,357,851	25,252	18,838,051	102,415,215	57,565,703	159,980,918
1920	1,345	135,679,188	23,425	25,625,089	85,724,785	61,371,243	147,096,028
1929[2]	1,094	118,951,398	19,986	16,905,885	50,725,562	35,676,421	89,787,548
1933	1,277	92,004,624	12,211	9,604,680	25,354,319	19,988,257	47,912,432
1939	1,083	101,954,082	17,627	16,651,685	43,332,195	35,885,563	83,139,572
1944	1,281	4	37,812	59,940,411	103,463,123	93,376,638	204,421,664
1945	1,297	4	33,423	51,703,245	107,860,539	84,358,189	199,775,177
1946	1,397	4	29,724	43,060,259	100,354,480	71,738,873	178,793,420
1947	1,480	4	30,285	46,113,036	111,354,221	84,935,517	204,219,433
1948	1,440	4	30,348	52,553,200	140,761,593	95,774,483	246,111,683
1949	1,480	4	29,311	54,686,577	135,841,899	102,294,298	247,592,389
1950	1,482	4	28,479	54,888,061	147,131,045	97,780,564	255,887,499
1951	1,474	4	30,512	63,975,754	172,115,336	119,486,630	303,619,234
New Brunswick:							
1917	943	60,300,907	19,710	12,893,014	32,380,621	27,027,725	59,408,346
1920	901	101,216,395	19,007	19,266,821	60,812,641	45,803,164	106,615,805
1929[2]	803	91,376,948	17,952	15,127,716	39,800,366	26,640,786	68,145,012
1933	747	90,148,317	11,336	9,308,100	20,442,421	18,166,713	41,345,622
1939	803	91,171,323	14,501	13,659,162	35,617,614	27,041,195	66,058,151
1944	937	4	23,164	32,345,080	83,993,599	62,258,478	152,106,577
1945	889	4	22,503	32,408,048	87,235,347	63,380,075	156,623,378
1946	993	4	22,732	33,151,919	96,389,299	67,783,377	170,753,741
1947	1,061	4	24,181	39,583,393	116,491,443	83,487,984	208,366,438
1948	1,067	4	24,325	43,918,687	134,410,529	91,404,150	234,579,684
1949	1,060	4	23,446	44,219,819	131,804,253	91,187,375	231,506,191
1950	1,107	4	23,863	46,386,069	148,066,224	106,204,409	263,753,067
1951	1,084	4	24,505	53,546,882	176,358,864	120,594,955	307,173,504
Quebec:							
1917	7,032	662,012,975	188,043	141,008,616	385,212,984	380,882,409	766,095,393
1920	7,530	878,859,638	183,748	202,516,550	553,558,520	499,643,217	1,053,201,737
1929[2]	6,948	1,246,208,650	206,580	225,226,808	537,270,055	537,796,395	1,108,592,775
1933	7,856	1,035,339,591	157,481	134,696,386	292,560,568	288,504,782	604,496,078
1939	8,373	1,182,538,441	220,321	223,757,767	536,823,039	470,385,279	1,045,757,585
1944	9,656	4	424,115	668,156,053	1,494,253,053	1,350,519,134	2,929,685,183
1945	10,038	4	384,031	607,473,443	1,307,534,193	1,149,390,919	2,531,903,830
1946	10,818	4	357,276	565,986,105	1,297,009,099	1,125,991,848	2,497,971,521
1947	11,223	4	379,449	662,837,614	1,601,055,840	1,324,397,690	3,017,049,422
1948	11,107	4	383,835	756,078,652	1,954,111,943	1,533,798,259	3,598,870,345
1949	11,579	4	390,275	809,579,270	2,027,793,643	1,651,629,668	3,788,497,123
1950	11,670	4	390,163	851,334,700	2,225,476,250	1,798,320,105	4,142,473,290
1951	11,861	4	417,182	1,005,601,680	2,696,638,646	2,083,933,751	4,916,157,419
Ontario:							
1917	9,061	1,157,850,643	299,389	258,393,065	794,556,502	662,174,261	1,456,730,763
1920	9,113	1,464,097,346	295,674	362,941,317	1,071,843,374	792,267,562	1,864,110,936
1929[2]	9,348	1,986,736,556	328,533	406,622,627	1,056,530,202	916,971,816	2,020,492,433
1933	9,542	1,587,947,947	224,816	220,530,088	464,544,563	465,103,842	958,776,858
1939	9,824	1,762,571,669	318,871	378,376,209	907,011,461	791,428,569	1,745,674,707
1944	10,731	4	564,392	975,038,060	2,310,347,858	1,930,043,913	4,339,797,784
1945	10,869	4	518,056	882,483,387	2,148,290,603	1,720,938,199	3,965,069,021
1946	11,424	4	498,120	845,216,547	2,001,900,592	1,659,284,622	3,754,523,701
1947	11,860	4	537,581	1,037,976,714	2,651,697,573	2,136,014,184	4,903,472,526
1948	12,118	4	551,556	1,210,438,044	3,118,084,345	2,486,007,774	5,742,269,854
1949	12,951	4	557,190	1,305,544,434	3,256,454,918	2,708,554,013	6,103,804,834
1950	12,809	4	566,513	1,412,999,146	3,598,821,495	3,068,141,837	6,822,953,981
1951	13,025	4	599,433	1,669,386,982	4,334,394,367	3,569,400,065	8,074,731,217

* Includes for the first time the fish processing industry.

TABLE 2. Summary Statistics of Manufactures, by Provinces, Significant Years, 1917-51 — Concluded

Province and Year	Establishments	Capital	Employees	Salaries and wages	Cost of materials	Net value of products[1]	Gross value of products
	No.	$	No.	$	$	$	$
Manitoba:							
1917	732	82,566,858	18,939	16,513,423	69,715,149	42,280,801	111,995,950
1920	747	94,424,145	23,728	32,372,081	92,729,271	62,776,912	155,506,183
1929[2]	861	121,363,898	24,012	31,224,596	87,832,324	63,925,015	155,266,294
1933	1,010	100,074,404	18,871	18,687,430	44,579,998	37,390,275	83,934,777
1939	1,087	119,659,365	23,910	28,444,798	82,408,293	48,810,544	134,293,595
1944	1,290	[4]	40,937	62,758,081	226,234,925	120,339,926	352,334,594
1945	1,302	[4]	38,367	59,814,109	216,114,576	117,775,126	339,821,283
1946	1,357	[4]	38,367	61,018,345	223,096,935	122,780,805	351,887,099
1947	1,413	[4]	39,378	68,972,653	236,936,343	139,373,521	383,130,281
1948	1,399	[4]	40,522	79,230,931	296,606,269	157,426,179	461,974,200
1949	1,520	[4]	41,956	86,088,380	299,101,498	167,335,495	474,681,912
1950	1,507	[4]	40,985	88,701,601	300,384,707	177,051,583	485,906,206
1951	1,512	[4]	41,459	100,170,966	349,203,612	192,848,667	551,346,046
Saskatchewan:							
1917	560	24,372,585	6,230	5,403,332	22,040,674	13,894,179	35,934,853
1920	554	24,640,520	6,709	9,571,175	34,894,105	22,610,861	57,504,966
1929[2]	594	43,925,797	7,025	9,105,597	51,003,566	23,002,952	75,368,605
1933	673	38,688,433	4,782	4,848,763	19,124,030	11,478,634	31,559,387
1939	737	37,654,095	6,475	7,346,127	38,782,135	20,283,273	60,650,589
1944	1,054	[4]	12,361	17,703,103	131,215,017	40,833,333	175,349,234
1945	926	[4]	11,617	16,905,606	126,279,202	38,275,127	167,688,133
1946	955	[4]	11,957	17,956,317	126,595,761	38,459,630	168,356,619
1947	1,001	[4]	11,723	19,661,970	151,449,021	41,480,520	196,452,199
1948	926	[4]	10,950	21,038,911	172,423,275	45,053,786	221,363,603
1949	962	[4]	10,841	22,273,942	164,349,341	47,356,949	215,742,708
1950	887	[4]	10,596	23,010,469	164,557,306	49,494,641	218,079,955
1951	973	[4]	11,023	26,290,294	185,151,455	61,088,606	250,813,026
Alberta:							
1917	636	49,146,241	9,461	8,662,417	42,632,212	23,883,673	66,515,885
1920	666	48,310,655	10,955	15,210,628	56,139,646	29,812,891	85,952,537
1929[2]	736	81,875,952	12,216	14,585,734	62,500,175	36,824,969	100,966,196
1933	874	69,604,563	9,753	9,573,468	29,425,975	18,876,929	49,395,514
1939	961	73,284,225	12,712	14,977,700	53,151,149	32,618,153	87,474,080
1944	1,165	[4]	22,186	33,227,729	172,082,537	77,415,753	252,949,894
1945	1,157	[4]	21,486	32,760,326	166,198,136	78,547,626	248,287,504
1946	1,315	[4]	22,649	34,939,088	169,425,176	83,735,011	257,031,867
1947	1,382	[4]	23,941	41,246,171	202,324,036	89,289,825	296,054,129
1948	1,567	[4]	25,690	49,735,336	253,754,967	107,124,387	366,079,501
1949	1,685	[4]	26,425	55,115,554	251,364,059	114,681,296	371,995,120
1950	1,671	[4]	26,732	58,416,324	272,131,049	123,892,868	402,840,023
1951	2,118	[4]	29,105	69,135,587	309,430,618	141,649,574	458,281,384
British Columbia:							
1917[3]	1,133	171,375,087	37,943	35,426,675	87,637,833	71,673,094	159,310,927
1920[3]	1,306	174,110,438	34,360	49,135,005	125,405,084	104,851,641	230,256,725
1929[3]	1,569	311,806,456	48,153	57,764,968	141,145,838	113,082,137	260,418,645
1933[3]	1,552	263,195,652	28,417	28,469,225	70,166,220	59,034,923	133,879,330
1939	1,710	274,969,502	42,554	53,881,994	136,655,872	103,263,292	247,948,600
1944	2,116	[4]	96,062	178,639,118	303,560,016	337,137,197	655,844,689
1945	2,326	[4]	87,974	160,419,133	305,759,836	307,954,519	628,903,124
1946	2,731	[4]	75,484	137,506,645	335,708,533	293,352,652	644,527,898
1947	3,040	[4]	83,161	167,282,667	453,670,677	388,702,178	858,284,592
1948	3,525	[4]	86,599	193,954,224	549,275,003	417,600,758	985,516,621
1949	3,493	[4]	82,934	196,403,722	531,112,329	409,665,348	959,008,088
1950	3,696	[4]	87,375	216,656,977	634,177,837	479,606,261	1,133,016,956
1951	3,897	[4]	93,647	262,626,283	789,840,417	592,448,565	1,404,880,341
Yukon and N.W.T.:							
1939	5	538,847	55	97,766	138,500	92,054	242,968
1944	12	[4]	67	118,972	189,718	280,803	489,256
1945	12	[4]	64	126,940	153,466	517,685	704,663
1946	13	[4]	92	200,560	172,845	408,727	646,295
1947	14	[4]	145	313,281	690,533	525,030	1,344,109
1948	17	[4]	137	346,220	818,919	379,525	1,330,110
1949	18	[4]	148	359,068	643,807	604,896	1,377,453
1950	19	[4]	123	285,656	1,039,954	569,167	1,741,531
1951	18	[4]	152	405,690	1,097,991	758,986	2,018,909

1. See footnote 1, Table 1.
2. See footnote 2, Table 1.
3. Includes Yukon.
4. Not collected.

TABLE 3. Summary Statistics of Manufactures, by Industrial Groups, 1945-51

Industrial Group and Year	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
	No.	No.	$	$	$	$
Foods and beverages:						
1945	8,872	156,396	224,908,882	1,336,820,028	558,247,045	1,921,774,601
1946	8,862	160,821	241,769,865	1,408,818,069	604,120,647	2,040,708,650
1947	8,869	167,865	276,245,015	1,656,529,086	695,092,932	2,383,975,675
1948	8,686	168,893	311,235,818	2,034,844,290	766,434,971	2,839,531,142
1949	8,558	170,024	332,536,319	2,009,246,062	834,017,547	2,882,581,753
1950	8,401	167,664	346,714,443	2,102,437,260	885,322,008	3,029,810,604
1951	8,388	172,493	392,859,435	2,419,206,798	985,240,884	3,450,030,515
Tobacco and tobacco products:						
1945	86	12,164	15,738,041	79,176,519	42,985,992	122,543,932
1946	95	10,849	14,410,558	79,255,405	39,981,625	119,634,216
1947	91	10,880	16,234,772	97,121,002	49,221,094	146,793,011
1948	79	10,459	19,550,563	95,851,271	57,666,963	153,993,442
1949	72	10,686	21,896,378	113,357,196	58,529,226	172,420,213
1950	68	10,322	22,628,918	122,610,179	65,175,854	188,330,523
1951	62	9,826	24,438,218	119,590,053	59,033,325	179,177,093
Rubber products:						
1945	55	23,490	39,111,477	78,500,892	98,836,225	181,413,226
1946	60	22,055	37,813,363	62,135,578	93,451,248	159,408,113
1947	60	23,475	46,613,893	82,934,625	110,673,007	196,307,734
1948	56	21,703	48,273,015	84,223,731	106,999,669	194,111,934
1949	62	20,729	48,172,207	73,895,718	101,705,513	178,503,559
1950	61	21,812	54,262,864	101,773,382	134,061,761	239,184,510
1951	67	23,054	64,357,696	146,951,650	161,184,980	311,678,489
Leather products:						
1945	706	34,123	43,268,635	95,006,015	71,297,713	167,888,463
1946	776	37,290	49,712,628	108,702,945	82,319,495	192,749,456
1947	792	35,724	52,628,612	123,894,474	86,646,061	212,430,165
1948	757	34,291	55,122,863	114,819,233	86,947,703	203,758,501
1949	747	34,900	59,699,886	117,869,462	91,157,684	210,804,174
1950	747	32,990	57,809,677	121,217,195	87,419,427	210,563,013
1951	711	31,578	59,668,764	135,114,110	84,885,048	221,882,794
Textile products: (except clothing)						
1945	664	66,011	88,372,939	217,289,281	165,689,522	391,182,025
1946	720	67,366	95,637,733	215,853,616	178,852,730	402,966,184
1947	747	73,979	116,228,736	289,986,732	215,170,493	514,844,838
1948	722	75,816	141,002,245	331,943,622	261,774,544	604,946,333
1949	847	77,773	156,166,554	339,644,950	285,641,367	636,824,130
1950	846	80,328	169,175,142	412,682,853	315,556,761	741,262,685
1951	892	81,710	185,030,489	495,304,102	337,936,447	846,477,303
Clothing: (textile and fur)						
1945	2,676	99,959	131,478,496	251,899,847	222,307,384	476,754,319
1946	2,988	105,868	146,265,152	285,568,957	263,018,398	551,331,576
1947	3,121	110,329	166,951,727	311,018,817	300,527,093	614,594,703
1948	3,100	115,105	191,866,371	361,216,438	345,028,807	709,688,704
1949	3,058	117,752	206,512,782	371,128,833	352,741,236	727,498,836
1950	3,051	116,248	211,223,347	377,552,172	352,889,623	734,214,334
1951	3,083	115,733	222,364,947	405,347,118	370,672,177	780,012,025
Wood products:						
1945	7,656	93,209	119,833,932	240,482,275	208,979,657	454,447,165
1946	8,846	105,472	142,338,538	297,923,979	256,436,946	560,341,251
1947	9,744	120,434	186,467,946	398,854,196	365,050,223	771,403,332
1948	10,495	124,306	214,741,924	428,913,571	401,401,795	839,045,068
1949	11,191	121,632	224,902,644	436,637,453	393,928,758	840,355,634
1950	11,301	126,169	246,325,125	510,565,003	463,853,510	985,859,493
1951	11,975	131,278	283,062,074	610,807,577	529,300,377	1,153,376,772
Paper products:						
1945	475	60,819	109,627,174	255,265,326	241,121,150	536,859,861
1946	486	67,442	134,320,546	313,410,656	333,819,710	695,085,534
1947	502	73,445	168,632,394	410,456,570	443,374,435	911,238,813
1948	522	75,980	197,397,810	485,237,427	509,993,037	1,061,359,807
1949	524	76,471	208,348,621	494,300,501	532,288,636	1,093,060,326
1950	528	77,519	225,197,438	541,260,626	638,111,352	1,251,144,125
1951	547	82,889	276,521,006	683,488,653	827,924,962	1,589,842,162
Printing, publishing and allied trades;						
1945	2,312	43,565	74,257,775	52,655,848	132,385,988	186,945,134
1946	2,404	48,950	86,433,880	65,501,698	154,951,731	222,548,636
1947	2,458	52,096	101,611,652	82,585,466	178,667,051	263,632,152
1948	2,496	54,541	119,087,977	96,384,499	208,208,175	307,345,914
1949[1]	3,866	61,834	141,489,984	124,684,351	250,162,704	377,908,182
1950[1]	3,869	63,125	154,369,637	135,510,227	274,098,833	413,011,915
1951[1]	4,019	64,694	170,828,730	152,753,412	295,642,569	452,142,515

TABLE 3. Summary Statistics of Manufactures, by Industrial Groups, 1945-1951 — Concluded

Industrial Group and Year	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
	No.	No.	$	$	$	$
Iron and steel products:						
1945	1,903	169,278	313,966,173	395,624,098	527,473,688	952,482,150
1946	2,086	151,373	279,567,770	337,981,814	461,501,765	824,766,017
1947	2,200	162,399	334,044,246	451,289,335	580,342,444	1,064,654,410
1948	2,263	170,071	400,878,271	570,290,989	709,347,226	1,320,527,400
1949	2,347	163,622	413,227,553	619,499,256	760,934,249	1,419,145,725
1950	2,390	164,528	438,244,749	662,332,192	817,060,278	1,524,384,478
1951	2,435	183,323	547,314,615	860,565,510	991,334,800	1,904,650,130
Transportation equipment:						
1945	504	154,844	326,748,794	498,241,686	523,910,119	1,034,666,913
1946	539	100,745	200,097,765	301,206,839	279,333,127	590,128,311
1947	562	104,348	230,898,680	426,573,091	366,151,761	803,611,372
1948	578	101,816	255,504,526	509,910,825	419,133,597	941,483,906
1949	596	104,750	270,852,111	584,064,330	466,529,164	1,063,211,331
1950	601	104,176	290,436,378	674,833,465	552,171,399	1,239,579,727
1951	599	122,517	368,106,433	870,178,794	657,424,400	1,541,589,828
Non-ferrous metal products:						
1945	436	44,221	81,889,942	337,872,041	180,653,076	548,853,026
1946	474	40,855	75,855,699	311,082,975	148,492,336	484,618,453
1947	503	43,344	91,046,568	434,517,197	201,162,856	668,074,514
1948	503	46,048	108,778,616	556,238,618	248,225,806	844,598,154
1949	532	44,698	114,591,106	537,218,214	289,125,045	867,043,028
1950	536	44,680	119,535,596	606,691,788	311,539,390	960,751,814
1951	536	50,114	150,733,704	797,412,763	406,616,836	1,253,599,168
Electrical apparatus and supplies:						
1945	247	44,129	76,468,795	92,041,030	135,919,899	230,531,874
1946	266	43,998	74,510,479	101,939,272	129,968,926	234,572,653
1947	296	52,736	103,891,016	162,131,266	200,859,040	366,506,203
1948	314	53,873	122,113,644	180,344,829	241,333,960	425,725,279
1949	365	55,916	137,278,521	212,460,413	269,341,983	486,286,355
1950	382	60,262	155,334,065	260,306,027	315,136,176	580,578,386
1951	373	67,626	194,749,038	316,561,307	353,602,872	676,008,959
Non-metallic mineral products:						
1945	700	20,269	32,959,877	41,488,955	76,318,456	130,704,796
1946	833	24,387	39,651,286	49,957,966	94,591,439	160,476,827
1947	863	26,443	50,456,143	66,266,546	115,277,990	201,786,910
1948	934	27,278	58,816,381	72,577,633	134,897,744	232,148,324
1949	1,020	28,139	64,594,354	78,401,065	143,872,615	246,457,799
1950	1,045	29,603	72,380,410	91,168,605	168,377,747	286,541,363
1951	1,042	31,522	86,078,972	109,011,701	195,348,829	334,875,398
Products of petroleum and coal:						
1945	80	11,532	22,904,418	188,899,911	65,637,131	270,166,984
1946	77	12,106	24,197,354	190,527,903	79,046,757	286,007,855
1947	80	12,769	28,689,932	257,420,851	84,073,746	361,333,008
1948	75	13,678	34,766,341	369,035,161	97,064,006	491,961,894
1949	77	14,552	39,783,500	391,036,128	117,819,090	533,730,719
1950	76	15,177	44,425,368	442,418,483	144,488,664	616,126,299
1951	82	15,598	51,947,890	497,982,695	179,872,590	709,550,035
Chemicals and allied products:						
1945	986	61,339	107,050,824	228,855,956	252,944,165	498,630,798
1946	1,031	38,012	67,842,339	179,749,719	208,399,498	401,741,703
1947	1,046	39,237	78,993,517	238,310,157	234,056,973	488,307,293
1948	1,026	39,548	89,325,771	293,041,874	268,818,222	579,827,509
1949	1,037	41,328	100,690,662	280,008,945	288,171,551	587,398,215
1950	1,033	41,475	106,794,403	307,705,741	317,166,711	646,870,510
1951	1,037	45,664	131,310,151	366,957,695	384,026,141	776,489,391
Miscellaneous industries:						
1945	692	24,024	37,187,275	83,549,139	59,608,689	144,523,599
1946	706	20,567	30,262,299	48,617,375	58,718,602	108,607,036
1947	800	22,247	36,291,117	44,390,608	65,708,603	111,532,447
1948	814	22,315	40,906,054	48,007,617	75,510,756	125,116,374
1949	893	26,401	51,147,475	59,778,187	94,600,066	156,363,321
1950	1,007	27,219	56,409,875	67,469,334	99,628,735	169,312,602
1951	1,173	28,756	66,908,755	87,292,415	120,899,546	210,804,555

1. Increase is due to the inclusion for the first time of establishments who publish periodicals without doing any printing.

The figures in Table 4 trace the tendencies in Canadian manufacturing industries as clearly as possible from 1917 to 1951. In analysing statistics of production and materials used, price changes should be borne in mind, particularly the inflation of values in the years immediately following World War 1, the drop in prices of commodities during the depressions following 1921 and 1930, and the increases again in the recent war and post-war period. The figure that shows most clearly the trend of development is concerned with the use of power. The total horse-power employed increased from 1,658,475 in 1917 to 8,159,414 in 1948, an advance of about 392 p.c. in 31 years. In the same period, horse-power per wage-earner showed an interrupted trend from 3.06 to 10.82 in 1933 and 9.46 in 1939. With the large increase in the number of wage-earners on war production, and the more efficient utilization of the equipment available, the horse-power per wage-earner dropped to 6.28 in 1944; the increasing installation of power machinery and the decline in employment after the War resulted in a rise to 8.52 in 1948. The significant feature is the increase in both the absolute figures of power employed and the averages per wage-earner during the depression years as compared with 1929, although the large numbers of persons again finding employment since 1933 reduced the averages for the years 1934 to 1937 and again for 1940 to 1945. Other interesting comparisons are the trend of value added by manufacture, per employee, and of average salaries and wages paid since 1929. Between 1949 and 1951 the value of purchased fuel and electricity increased by 23 per cent; for full details of fuel and electricity used by the manufacturing industries see Table 53.

TABLE 4. Significant Statistics of Manufactures for Certain Years, 1917-51

Item		1917	1920	1929[1]	1933
Establishments	No.	21,845	22,532	22,216	23,780
Totals, employees	No.	606,523	598,893	666,531	468,658
Averages per establishment	No.	27.8	26.6	30.0	19.7
Totals, salaries and wages	$	497,801,844	717,493,876	777,291,217	436,247,824
Averages, per establishment	$	22,788	31,843	34,988	18,345
Averages, per employee	$	821	1,198	1,166	931
Employees on salaries	No.	64,918	78,334	88,841	86,636
Averages, per establishment	No.	3.0	3.5	4.0	3.6
Salaries	$	85,353,667	141,837,361	175,553,710	139,317,946
Averages, per salaried employee	$	1,315	1,811	1,976	1,608
Employees on wages	No.	541,605	520,559	577,690	382,022
Averages, per establishment	No.	24.8	23.1	26.0	16.1
Wages	$	412,448,177	575,656,515	601,737,507	296,929,878
Averages, per wage-earner	$	762	1,106	1,042	777
Cost of materials	$	1,539,678,811	2,085,271,649	2,029,670,813	967,788,928
Averages, per establishment	$	70,482	92,547	91,361	40,698
Averages, per employee	$	2,539	3,482	3,045	2,065
Values added in manufactures[3]	$	1,281,131,980	1,621,273,348	1,755,386,937	919,671,181
Averages, per establishment[3]	$	58,646	71,954	79,015	38,674
Averages, per employee[3]	$	2,112	2,707	2,634	1,962
Gross value of products	$	2,820,810,791	3,706,544,997	3,883,446,116	1,954,075,785
Averages, per establishment	$	129,128	164,501	174,804	82,173
Averages, per employee	$	4,651	6,189	5,286	4,170
Power employed	H.P.	1,658,475	2,068,875	3,855,648	4,135,008
Averages, per establishment	H.P.	76	92	174	174
Averages, per wage-earner	H.P.	3.06	3.97	6.67	10.82

Item		1939	1944	1949	1951
Establishments	No.	24,805	28,483	35,792	37,021
Totals, employees	No.	658,114	1,222,882	1,171,207	1,258,375
Averages, per establishment	No.	26.5	42.9	32.7	34.0
Totals, salaries and wages	$	737,811,153	2,029,621,370	2,591,890,657	3,276,280,917
Averages, per establishment	$	29,744	71,257	72,415	88,498
Averages, per employee	$	1,121	1,660	2,213	2,604
Employees on salaries	No.	124,772	192,558	221,551	247,787
Averages, per establishment	No.	5.0	6.8	6.2	6.7
Salaries	$	217,839,334	418,065,594	628,427,937	816,714,604
Averages, per salaried employee	$	1,746	2,171	2,836	3,296
Employees on wages	No.	533,342	1,030,324	949,656	1,010,588
Averages, per establishment	No.	21.5	36.2	26.5	27.3
Wages	$	519,971,819	1,611,555,776	1,963,462,720	2,459,566,313
Averages, per wage-earner	$	975	1,564	2,068	2,434
Cost of materials	$	1,836,159,375	4,832,333,356	6,843,231,064	9,074,526,353
Averages, per establishment	$	74,024	169,657	191,194	245,118
Averages, per employee	$	2,790	3,952	5,843	7,211
Values added in manufactures[3]	$	1,531,051,901	4,015,776,010	5,330,566,434	6,940,946,783
Averages, per establishment[3]	$	61,724	140,989	148,932	187,487
Averages, per employee[3]	$	2,326	3,284	4,551	5,516
Gross value of products	$	3,474,783,528	9,073,692,519	12,479,593,300	16,392,187,132
Averages, per establishment	$	140,084	318,565	348,670	442,781
Averages, per employee	$	5,280	7,420	10,655	13,026
Power employed	H.P.	5,045,287	6,468,439	[2]	[2]
Averages, per establishment	H.P.	203	227	[2]	[2]
Averages, per wage-earner	H.P.	9.46	6.28	[2]	[2]

1. A change in the method of computing the number of wage-earners in the years 1925 to 1930, inclusive, increased the sumber somewhat over that which the method otherwise used would have given. There was, therefore, a proportionate reduction in the averages for 1925-30 per employee and wage-earner, as compared with what these averages would have been under the other method. In 1931, however, the method in force prior to 1925 was re-adopted. The figures for 1931 and later years are therefore comparable with those for 1924 and earlier years.
2. Not collected since 1949.
3. Net values of products; see footnote 1, Table 1.

Consumption of Manufactured Products.— One of the beneficial results of adopting the same classification for external trade and for production is exhibited in Table 5, where the value of commodities made available for consumption in Canada is derived from these statistics. For example, the value of all manufactured commodities made available in 1951 was $16,677,805,705, a figure obtained by adding to the value of manufactured products the value of the imports of manufactured and partly manufactured goods and deducting the value of the exports. In this table more accurate statistics could be presented were it possible to exclude from the gross value of manufactured products the duplications involved when the products of one manufacturing establishment become the material worked upon in another. Iron, vegetable, wood and paper, textiles and animal products were, in that order, the leading groups in the value of finished products made available for consumption in 1951.

Animal, wood and paper, and non-ferrous metal products were manufactured in Canada in greater quantities than required for home consumption, providing export balances in these groups.

On balance, Canada in the past imported large quantities of iron and steel, textiles, chemicals and non-metallic mineral products in spite of large home production. The expansion of the iron and steel, chemical and non-metallic mineral products industries will enable Canada to meet more of her requirements for home consumption and to export greater quantities in the future.

TABLE 5. Consumption of Manufactured Products, 1928-51, and by Industrial Groups, 1951

Year	Value of products manufactured	Manufactured and partly manufactured goods[1]		Value of manufactured products available for consumption
		Value of net imports	Value of domestic exports	
	$	$	$	$
1928	3,582,345,302	954,387,551	698,376,615	3,838,356,238
1929	3,883,446,116	939,130,201	686,876,071	4,135,700,246
1930	3,280,236,603	675,828,233	490,108,470	3,465,956,366
1931	2,555,126,448	423,519,849	347,456,198	2,631,190,099
1932	1,980,471,543	281,855,757	267,765,614	1,994,561,686
1933	1,954,075,785	298,068,344	365,232,113	1,886,912,016
1934	2,393,692,729	357,320,284	419,094,297	2,331,918,716
1935	2,653,911,209	385,597,041	582,041,141	2,457,467,109
1936	3,002,403,814	468,455,981	676,890,803	2,793,968,992
1937	3,625,459,500	566,876,483	781,099,407	3,411,236,576
1938	3,337,681,366	472,193,253	587,758,795	3,222,115,824
1939	3,474,783,528	542,364,930	646,853,938	3,370,294,520
1940	4,529,173,316	807,636,948	913,049,979	4,423,760,285
1941	6,076,308,124	1,123,994,913	1,292,855,603	5,907,447,434
1942	7,553,794,972	1,283,884,068	2,056,368,079	6,781,310,961
1943	8,732,860,999	1,305,838,746	2,444,862,298	7,593,837,447
1944	9,073,692,519	1,302,413,996	2,668,575,781	7,707,530,734
1945	8,250,368,866	1,117,544,874	2,352,441,796	7,015,471,944
1946	8,035,692,471	1,390,123,100	1,701,677,026	7,724,138,545
1947	10,081,026,580	1,928,250,119	2,124,740,343	9,884,536,356
1948	11,875,169,685	1,869,702,089	2,259,247,456	11,485,624,318
1949	12,479,593,300	2,043,583,929	2,017,055,615	12,506,121,614
1950	13,817,526,381	2,289,162,070	2,239,733,915	13,866,954,536
Industrial Groups, 1951[2]				
Vegetable products	2,445,848,786	263,617,019	244,721,869	2,464,743,936
Animal products	1,846,134,158	70,126,024	101,562,405	1,814,697,777
Textiles and textile products	1,559,977,021	303,558,270	34,935,831	1,828,599,460
Wood and paper products	3,209,391,543	128,972,748	1,316,442,025	2,021,922,266
Iron and its products	3,432,209,864	1,291,364,316	323,702,566	4,399,871,614
Non-ferrous metal products	1,929,608,127	244,526,262	457,569,880	1,716,564,509
Non-metallic mineral products	1,044,425,433	251,828,723	85,510,539	1,210,743,617
Chemicals and allied products	716,287,268	189,719,193	131,689,729	774,316,732
Miscellaneous industries	208,304,932	290,997,274	52,956,412	446,345,794
Totals, 1951	**16,392,187,132**	**3,034,709,829**	**2,749,091,256**	**16,677,805,705**

1. Figures for the years 1928-38 are for the fiscal years ended Mar. 31 of the following years: for 1939-51 they are for the calendar year. Net imports are total imports less foreign products re-exported.
2. Consumption figures for the major groups of the Standard Industrial Classification cannot be calculated as statistics of imports and exports are still compiled on the component material classification basis.

Section 2. Value and Volume of Manufactured Products

Value of Manufactured Products.— In the interpretation of manufacturing values over a number of years, variations in the level of prices must be borne in mind. In recent years, due to violent changes in prices, unadjusted value series, used in isolation, have become increasingly inadequate as indicators of economic trends. Of necessity, interest has shifted to measures of volume. The range of prices since 1917, on the base period 1935-39 = 100, was as follows:

Year	General Wholesale	Fully or Chiefly Manufactured Products
1917	148.9	150.9
1920	203.2	208.2
1929	124.6	123.7
1933	87.4	93.3
1939	99.2	101.9
1951	240.2	242.4

Volume of Manufactured Products.— Since real income is ultimately measured in goods and services, the growth of the volume of manufacturing production, as distinguished from its value, becomes a matter of great significance. The important thing to know is whether consumers are getting more goods and services, and not whether they are expending more dollars and cents. The field of industrial production, because of its dominating position in the national economy, has attracted increasing attention. This, in turn, has resulted in the need for more accurate measurements of physical output.

During the past few years, the Business Statistics Section of the Bureau's Research and Development Division has been engaged in the reconstruction of the Index of Industrial Production. The project consisted mainly of establishing annual gross and net levels of production for each industry from census of industry data and of improving the reliability of the current monthly series. For a description of the methods used in constructing the indexes and a description of its scope, see D.B.S. Reference Paper No. 34 "Revised Index of Industrial Production, 1935-1951".

The construction of this index was made possible by the availability of a great deal of basic data. Annual statistics valuable for this project have been collected by the Bureau without interruption from the end of the first World War to the present and the scope of the monthly information has been greatly expanded. Applying the methods developed through the experience of the last quarter century, it has been possible to compute an index with a fair measure of accuracy from 1935 to the present.

Prior to the end of the first World War, the movement of industrial production was regarded as following the output of a few factors such as pig iron. The introduction of the index number placed the information on a much wider base. It is safer to base one's impression of the current trend upon a comprehensive index embracing a wide range of economic factors than upon any limited group of components that necessarily fluctuate according to particular influences.

An index of this kind offers considerable advantage in analyzing social and economic problems. The greatest call for the index is for the interpretation of current economic conditions. It is particularly relevant in the study of business fluctuations. While the index is based on the sectors of the economy that are particularly sensitive to short term influences, it also reflects a large part of the variations in the total of all economic activity. The output of mines and factories plays a dominant part in economic fluctuations and is closely associated with transport and trade which are mainly concerned with the distribution of commodities. The barometric nature of the industrial sector enhances the value of the index as an indicator of short-term movements but its usefulness in the interpretation of long-term economic developments should not be overlooked.

The Canadian annual Census of Industry, from which final benchmark indexes are computed, covers practically all establishments, but excludes work in the home. In the matter of repairs, the census of manufactures generally excludes work performed in connection with a service trade such as boot and shoe and automobile repairs. However, the census covers repairs carried on essentially under industrial conditions, such as ship and locomotive repairs. Consequently only industrial-type repairs are included in the index.

The framework of the revised index is based on the new Standard Classification of Industries prepared by an inter-departmental working committee. The preceding system used by the Bureau of Statistics was of a three-fold nature based on (1) chief component material; (2) purpose and (3) origin. The first principle was used most extensively, the criteria of purpose and origin having been used for the presentation of supplementary series which played a secondary role in Bureau publications.

The main innovation introduced in the Standard Classification was the compromise between the different principles. In recent years, Canada's industrial system has undergone considerable development, from a country primarily concerned with the early stages in the processing of primary materials to one that is turning out more and more goods for final consumption. Consequently, in establishing the new classification, the concept of "purpose" has been combined with that of "chief component material" in the framework of the classification of manufacturing industries. The purpose phase was regarded as most appropriate for the wide range of consumer goods such as clothing and foods and beverages.

The industries grouped under the component material phase of the classification from 1935 to 1948 were re-arranged to conform with the standard model. As most of the industries were not greatly affected by the change in classification they were transferred intact to the proper position in the new system. The standard classification, for the most part, provided for comparability at the industry level. It was applied to establishments for the first time in the 1949 census of manufactures. In a number of industries, where the change in classification seriously disturbed the continuity, establishments were re-combined for the whole period covered by the index. The manufacture of synthetic rubber, for example, was transferred from the rubber industry to "miscellaneous chemicals". Plants engaged in the production for distribution of manufactured gas were transferred from "coke and gas" to the gas and electricity division. The salt industry was adjusted so as to comprise only processing operations for inclusion in the manufacturing division of the index. Three minor industries which were reclassified to non-industrial groups were dropped from the computation.

The appropriate series in the manufacturing division were re-classified to obtain sub-indexes of economic significance. The movement of durable goods normally varies from that of non-durables. There tends to be greater fluctuation in durables from prosperity to depression, the demand for non-durables being more constant. The manufacturing division was therefore divided, at the major group level, as between durable manufactures and non-durable manufactures. Although these groupings are rather rough and ready, they are of great use in economi analysis. The classification into producers' and consumers' goods, attempted in some countries, involves more difficulty as many intermediate commodities have alternate uses, and was not attempted here.

Volume of Production, 1923-35.— The indexes of volume of production, 1923-1935 given in Table 6 below were constructed in the General Manufactures Section of the Industry and Merchandising Division for the years 1923 to 1946. On comparing the index for 1935 given in Table 6 which stood at 87.9 with the new index for 1935 at 86.5 given in Table 7, it would appear that for the back years little significant variation existed between the two series. The indexes in Table 6 may therefore be used in evaluating the changes in the volume of manufacturing production between 1923 and 1935.

The physical volume of manufacturing production increased 50 p.c. from 1923 to 1929. When it is recalled that the population of Canada is estimated to have increased only 11 p.c. during the same period, the growth of manufacturing production is indeed remarkable. Of this advance, the part resulting from an increase in the domestic demand due to growth of population would therefore be about 11 p.c. Exports of partly and fully manufactured goods increased from $591,830,000 in the fiscal year ended Mar. 31, 1924, to $686,876,000 in the fiscal year 1929-30, the increase in exports representing about 3.6 p.c. of the 1923 production. The remainder of the increase in production by 1929, or a margin equal to roughly 35 p.c. of the volume of manufactures of 1923, was, therefore, apparently absorbed by increases in capital equipment and by the rise in the standard of living of the population of Canada. From a high of 101.4 in 1929 the volume of production declined to 67.6 in 1932 and climbed again to 87.9 in 1935.

TABLE 6. Indexes of the Volume of Manufacturing Production, According to the Component Material Classification, 1923-35

(1935-39 = 100)

Year	Vegetable	Animal	Textiles	Wood and paper	Iron	Non-ferrous metal	Non-metallic mineral	Chemicals	Miscellaneous	All industries
1923	62.6	75.0	64.3	65.1	81.5	42.7	81.8	59.2	99.5	67.5
1924	67.8	80.4	62.1	64.0	68.6	46.4	78.9	60.5	95.0	66.3
1925	75.1	84.8	66.5	69.0	79.9	52.5	80.3	64.8	94.5	72.5
1926	80.2	92.2	75.8	78.1	102.6	58.6	89.6	70.5	104.4	82.5
1927	84.9	90.0	81.4	84.1	104.1	67.6	102.3	75.2	114.2	87.9
1928	93.5	92.9	87.0	92.5	117.1	75.3	116.3	82.7	110.5	95.8
1929	96.4	87.9	86.1	99.6	133.4	81.3	137.1	84.8	105.6	101.4
1930	91.6	85.3	80.0	92.1	108.6	76.8	122.9	74.9	87.8	91.9
1931	83.4	77.4	78.2	76.6	82.8	73.1	105.6	69.2	80.0	79.9
1932	74.1	76.7	74.6	68.0	53.5	58.9	75.1	66.0	75.8	67.6
1933	72.8	79.6	81.1	69.6	50.2	57.6	68.8	69.9	71.9	67.7
1934	82.4	86.5	89.5	81.5	67.6	70.8	82.5	79.3	85.2	79.6
1935	87.0	91.3	94.5	89.5	83.4	81.2	88.1	87.2	91.1	87.9

Volume of Production, 1935-1951. The period covered by this report was characterized by unprecedented industrial expansion. Emerging from a depression practically world-wide in scope, industrial operations in this country entered a period of rapid growth which was maintained throughout the war and post-war years without important interruption.

A problem confronting business economists is to determine how much of the post-war industrial "drive" was due to normal growth factors and how much of it was caused by the backlog of war accumulated demand. While it is true that the greatest demand accumulation took place in housing and consumer durables, non-durables such as textiles and clothing also started the post-war period with a sizeable backlog of unfilled demand. It is now becoming apparent, after the vigorous pace of business following the outbreak of hostilities in Korea, that a considerable portion of this demand has been satisfied and some industries, notably textiles, clothing, and some major appliances, are experiencing difficulties. However, overall prospects appear bright for the near future. The increased productive activity which will result from the present very high level of capital investment is not as yet fully reflected in current production statistics. Huge expansion and development programmes are well under way in iron ore, aluminum and other metals, oil, steel, chemicals, motor vehicles, electric power, and in a number of other industries. In addition, federal government expenditures for national defence should exert a growing influence on the exonomic picture.

The volume of output of manufactures rose steeply after the outbreak of hostilities in 1939. Productive facilities responded quickly to the urgent requirements of the armed forces. In the early days of the war production assignments alloted were comparatively simple, but as the pre-war weapons became obsolete and as Canada proved herself capable of turning out larger and more complex equipment, the assignments constantly shifted, changed and grew more difficult. The production figures merely suggest the magnitude of the achievement. They cannot describe the tremendous effort needed to convert a semi-agricultural country into a wartime arsenal nor the complications which arose because of shortages of manpower, tools and materials.

The productive peak was reached in 1944, when weapons, supplies and equipment were rolling off the assembly lines at record-breaking pace. The end of hostilities and the subsequent reconversion to peace-time production were attended with declines in output in 1945 and 1946. The upward trend was resumed, however, in 1947. The rate of advance slackened moderately in 1948 and 1949 but regained most of its 1947 impetus in 1950 when the renewal of hostilities in Korea resulted in heavy anticipatory buying on the part of consumers and in growing expenditures for national defence. A remarkable feature is that in 1951, the index of the volume of manufacturing production had practically equalled the record wartime level of 242.3 established in 1944.

TABLE 7 Indexes of the Total Volume of Manufacturing Production, Classified on the Basis of Durable and Non-Durable Goods, 1935-1951

(1935-39 = 100)

Year	All manufactures	Non-durable manufactures	Durable manufactures
1935	86.5	89.0	82.7
1936	95.5	97.1	93.1
1937	109.3	106.7	113.2
1938	100.6	98.9	103.2
1939	108.1	108.2	107.9
1940	134.4	124.6	149.7
1941	175.9	148.7	218.5
1942	215.7	169.4	288.1
1943	234.5	171.5	333.0
1944	242.3	179.8	340.1
1945	209.8	176.3	262.1
1946	189.9	180.2	205.1
1947	207.7	191.2	233.5
1948	215.5	197.1	244.4
1949	217.0	198.2	246.3
1950	228.1	208.3	259.1
1951	242.1	214.0	285.9

Non-durable Manufactures

The trend of output in the non-durable sector of manufacturing was visibly smoother than in the durable sector. Except in two years, 1938 and 1945, there has been no interruption in the upward movement of production during the period under review. Despite the fact that war contracts quickened the pace of output in some of the industries, production continued to expand after the war, although at a slower rate. Unlike durable goods, non-durable commodities are mostly consumers' goods and are less influenced by sudden changes in the international situation or the capital investment programmes of producers and governments. By 1951 the non-durables index of output had reached 214, the highest on record.

The production of **processed foods and beverages** rose without pause throughout the period. A characteristic of most **manufactured foods** industries is the high ratio of the value of materials consumed to the value of products, indicating a relatively low degree of fabrication per unit of output. The "net" aggregates for these industries are consequently extremely sensitive to even minor changes in the composition of production or in the amount of processing applied to the raw materials. The advance in the production of **beverages** was practically uninterrupted from 1935 to the present. In 1951, the volume of output was nearly 3 times what it was in the base period. The largest increases were recorded in the **aerated waters** and **brewing** industries. The indexes of these industries attained levels approaching 320 and 318 in 1951. **Wine** production, after reaching a peak in 1947, dropped 36 per cent in the following three years. Some recovery was recorded in 1951 when the index rose to within 29 per cent of the peak. Output of **liquor** climbed steadily until 1946 when the index reached 209. During the next four years, the volume of production fluctuated within narrow limits and in 1951 advanced sharply to an index level of 260.

The great demand for cigarettes for members of the armed forces during the war contributed largely to the considerable increase in the **tobacco products** index which reached the record level of 230 in 1945. The index dropped to 204 the following year, but rose gradually thereafter to 228 in 1950. Weakening demand led to a decline of 7 per cent in 1951.

The contribution of the **"Rubber Products"** industry to the war effort was mainly in the form of tires and tubes for military vehicles and aircraft. Production of passenger car tires and tubes was sharply curtailed as was the output of rubber footwear. After marked increases in 1940 and 1941, the index remained more or less stationary at around 150 until 1945 when civilian production was resumed and the index jumped to 180. The industry-wide strike in 1946 contributed to a decline in that year, but record-breaking demand for the industry's output led to sharp advances in the following years, and in 1951 the index had reached the maximum level of 264.

Output of **leather products** rose steadily until 1946 when the index reached a high point of 168. The subsequent easing of foreign demand for the industry's products contributed to the gradual decline of production in the post-war period with the result that this industry has shown the smallest growth of any in the manufacturing sector. In 1951, volume of output was only 17 per cent greater than in the base period. Production of leather tanneries was actually 15 per cent greater than in 1935-39, but output of boots and shoes and other leather products declined to a lesser extent. Since 1946, the overall index dropped 30 per cent.

The **textile (ex. clothing)** industries reached their maximum wartime level of output in 1942 when the net index stood at 187. Production then fell off gradually until 1946 but recovered sharply in the post-war period to an index level of 212 in 1950. A slackening of demand for textile products in the latter half of 1951 resulted in a moderate decline in the index for that year. The movements of individual industries within the group have varied over the period. After reaching its highest level in 1942, the production of **cotton goods** declined steadily until 1947. After varying but fractionally in 1948 and 1949, output jumped 16 per cent in 1950, and remained practically unchanged in 1951, the recession in the last six months of the year just about offsetting the gains recorded in the first half. Contributing to the higher level of net output during the period 1940-1943 in this industry was the comparatively sharp increase in production of piece-dyed and printed and painted fabrics which require considerably more processing than ordinary grey fabrics. When output of these two types of cloth declined to more normal levels, the gap between the gross and net indexes gradually narrowed.

Since 1938, the production index for **synthetic textiles** showed an unbroken record of increases and in 1951 stood at 393. Much of the credit for increasing consumer acceptance of synthetics belongs to the achievements of research in improving manufacturing and dyeing techniques and in the development of new combinations of various fibres with a new range of qualities and practical applications.

Synthetic fibres are now being used in the fabrication of a host of commodities such as suitings, overcoatings, blankets, carpets, draperies, upholstery products, tire fabrics, etc., in addition to hosiery, dress fabrics and other women's wear. Moreover, Canadian producers are now supplying the bulk of domestic synthetic raw material requirements which were formerly imported from the United States. As a result, new investment outlays by the industry have increased considerably in the post-war period.

The trend in the physical output of **clothing** was similar to that of other textiles, the production index reaching a peak of 162 in 1942, then declining gradually until 1947. It recovered in 1948 and 1949, but has been dropping moderately since then and was at a post-war low of 150 in 1951. The industry is now facing keen competition and a more selective retail demand. By improving manufacturing methods and styling, the industry hopes to make available more desirable merchandise at lower prices. Weak demand contributed to a marked decline in the level of new investment in durable physical assets. Funds expended for new plant, machinery and equipment dropped from $15.7 million in 1949 to $11.9 million for 1950, and $13.2 million in 1951.

Production of **paper products** advanced sharply in the post-war period. The level of the index remained relatively steady from 1941 to 1944, but increased 54 per cent in the succeeding seven years to a record figure of 248. Activity in this sector of manufacturing is influenced mainly by the **"Pulp and Paper"** industry, which, in terms of value added, is the most important single manufacturing industry. In the last few years, the net value contributed by pulp and paper mills was more than twice that of any other industry. The growth of this industry during the period under review was characterized by two distinct phases. From 1935 to the end of the war, new investment by the industry was designed mainly to replace worn-out machinery and equipment and increases in output were principally the result of utilizing idle capacity after the depression of the thirties. Since 1945, however, with strong world demand for wood pulp and newsprint, together with the availability of necessary materials for expansion, the construction of new plant and the installation of new machinery and equipment reached record proportions and the volume of output rose about 60 per cent. Investment in new plant and equipment, which averaged $79 million during the previous five years, reached a record total of $125 million in 1951.

In recent years, a greater proportion of pulp retained for consumption in Canada has been used for the manufacture of fine papers. The increase in newsprint production in later years has not kept pace with the more processed varieties of paper. In the base period, for example, newsprint accounted for 71 per cent of the total volume of output in the industry, whereas in 1947 it contributed only 61 per cent. This was a factor in the increasing ratio of net output to gross output in the post-war period; in 1947 the net index was 190 and the gross 178, nearly 7 per cent lower. Another contributing cause was the declining consumption of purchased power per unit of output. In 1947, the index of the volume of purchased fuel and electricity consumed was only 168. This appears to be evidence of the greater utilization of capacity and technological progress. A counter-

acting influence was the gain in pulp made for export, which resulted in a drop in proportion of the quantity available for further processing in Canada.

The **printing and publishing** industries expanded very little during the war years. In 1944, output was only about 15 per cent greater than in the base period. Production grew rapidly, however, after the end of hostilities and in 1951, volume of output was nearly double what it was in the five pre-war years, although this represents a substantially smaller advance than total manufacturing. The post-war increase coincided with the gain in the value of new investment which was mainly in the form of machinery and equipment to make up for deficiencies dating back to the depressed thirties and the war years. Investment in fixed assets totalled $24 million in 1951 as compared with only about $2 million in 1944 and 1945.

With few interruptions, output of **petroleum and coal** products rose steadily over the period under review to an index of 275 in 1951. Although production of **coke** failed to exceed its record wartime volume, **petroleum refining**, as the result of record-breaking post-war demand for gasoline and fuel oils, showed a marked expansion. In 1951, the production index stood at 321 compared with a wartime high of 170 in 1944. In recent years, the industry has added substantially to its refining capacity. From 1947 to 1951, expenditures for new plant, machinery and equipment averaged more than $37 million a year. Some of this rapid growth is associated with the remarkable progress made in the exploitation of western crude oil reserves. In 1951, oil from domestic wells represented 38 per cent of the total consumed by Canadian refineries. This compared with a contribution of 27 per cent in 1950 and 22 per cent in 1949.

Output of **chemical products** which include ammunition and explosives reached a record-high level in 1944 when the index stood at 390. Production in the post-war period has been at a considerably lower level, but increased significantly in 1950 and 1951 with the advent of the defence programme. The expansion of the industry during the war made possible the manufacture of many products which were formerly imported. In addition, several entirely new products, such as synthetic rubber, were introduced. Demand for these commodities continued in the post-war period and the development of new sources of basic materials, together with the progress of research into additional commercial uses for these new compounds resulted in further expansion of production for civilian use.

The rapid wartime advance was mainly the result of the enlargement of the munition programme with the government and private industry combining forces in the construction of a huge explosives and ammunition-filling industry. At its peak in 1943, the production index for **explosives and ammunition** was 20 times higher than in the base period. Output dropped very rapidly after the end of the war and in 1946 the index was down to 107.

Since the Government-owned Polymer Corporation began producing **synthetic rubber** in 1943, output of this important commodity has expanded considerably. Production declined somewhat in 1947 and 1948 when imports of natural rubber were resumed, but recovered strongly to record levels in 1950 and 1951 as the defence programme gathered momentum and as the rubber requirements of the motor vehicles industry rose to a new maximum. During 1951, synthetic rubber accounted for 37 per cent of total new rubber consumed in Canada. This commodity is classified to the **"Miscellaneous Chemicals"** industry.

TABLE 8. Indexes of the Volume of Manufacturing Production of the Groups Comprised within the Non-Durable Manufactures Classification, 1935-1951

(1935-39 = 100)

Year	Non-durable manufactures										
	Foods	Beverages	Tobacco and tobacco products	Rubber products	Leather products	Textile products (except clothing)	Clothing (textile and fur)	Paper products	Printing, publishing and allied trades	Products of petroleum and coal	Chemicals and allied products
1935	88.8	78.6	80.7	87.9	95.9	91.1	91.8	90.0	93.9	87.6	85.7
1936	97.7	93.2	88.9	96.2	96.3	101.7	97.0	98.9	99.5	95.7	92.1
1937	101.6	109.5	101.2	112.3	105.7	110.2	104.8	114.0	105.6	104.6	107.4
1938	102.5	107.2	110.9	97.0	93.3	88.8	98.4	91.7	98.9	102.7	103.5
1939	109.4	111.5	118.2	106.6	108.7	108.2	108.0	105.4	102.2	109.4	111.3
1940	119.4	131.0	126.6	116.5	116.1	147.6	125.5	126.6	102.1	125.9	136.2
1941	139.1	151.9	140.9	154.4	141.1	167.5	141.8	143.7	113.4	141.1	210.9
1942	144.3	174.5	171.5	150.6	150.0	186.8	161.9	143.4	114.4	138.2	345.8
1943	156.0	162.0	183.8	147.0	151.1	172.1	156.7	140.0	111.7	150.0	369.3
1944	171.1	190.5	200.6	149.0	149.6	162.0	147.1	149.1	114.9	171.8	390.4
1945	170.0	205.1	230.2	180.2	155.0	160.5	146.6	161.2	125.8	167.5	292.8
1946	177.2	234.4	204.4	158.0	167.9	161.7	152.9	188.9	143.8	167.4	237.7
1947	181.5	249.4	211.9	230.7	148.7	172.9	147.7	207.4	163.3	181.2	245.5
1948	183.0	270.9	215.8	227.6	129.6	180.2	156.0	217.7	177.2	199.0	243.2
1949	180.3	285.7	224.4	208.5	133.5	186.0	159.4	213.7	183.8	218.0	239.5
1950	183.6	282.9	227.5	251.9	126.8	212.4	155.7	230.4	195.3	243.5	253.7
1951	188.7	297.7	212.2	264.3	117.0	208.6	149.7	247.8	194.7	274.9	267.8

Durable Manufactures

The tremendous increase in physical output during the war years was mostly concentrated in the durable goods sector. When war was declared in September, 1939, there were virtually no armament works, no production of large ships and large planes, no guns, no tanks. Within a few years Canadian plants were turning out naval and merchant ships, warplanes ranging up to the 15-ton Lancaster bomber, military vehicles, millions of rounds of ammunition and hundreds of other war items. On the base of 1935-39 the new volume index of durable manufactures reached a peak of 340 in 1944. In the following two years it declined sharply and stood at 205 in 1946. Since then it has regained almost half the lost ground, and reached 286 in 1951.

The largest gain occurred in the output of **transportation equipment.** Due principally to the tremendous increases in production of ships and aircraft, the index for this group of industries rose to the record level of 694 in 1944, the year of maximum war production. After reaching a postwar low of 222 in 1946, the index rose moderately during the next three years, but, spurred by the great demand for passenger cars and by the renewal of defence production, marked gains were made since 1950, with the index climbing to 315 in 1951.

The **iron and steel** group of industries was also considerably affected by war requirements. As most of the industries in this sector were more firmly established in the pre-war period, they did not expand relatively to the same extent as shipbuilding and aircraft. When European supplies were cut off early in the war, the Canadian basic steel industry had to rely on the United States for a greater supply and had to increase its own steel-making capacity to meet abnormal wartime requirements. However, development of the industry did not halt with end of hostilities. Canada's industrialization programme, together with strong post-war demand for consumers' durable goods, led to steady expansion of the industry so that by 1951, compared with pre-war, pig-iron output had more than tripled and steel ingot and casting production had risen by more than

165 per cent. A considerable volume of additional capacity is now under construction and should reduce still further the country's dependence on United States imports of finished and semi-finished iron and steel shapes. Indicative of the rapid growth of the industry in recent years is the amount of funds expended for new plant, machinery and equipment. From a total of $44 million in 1950, new investment jumped to $97 million in 1951.

To meet the need for electrical and radar equipment and signalling devices, the **"Electrical Apparatus and Supplies"** industry manufactured articles during the war which were previously not made in Canada. Output of civilian radio receiving sets and appliances was severely curtailed as the industry converted the major part of its productive capacity to the manufacture of war instruments. The production index reached a wartime peak of 312 in 1944 and declined during the next two years. The industry recovered rapidly, however, as a result of accumulated demand for radios, consumers' appliances and heavy electrical equipment, and by 1951 the index had jumped 60 per cent from its 1946 post-war low, to a level of 392.

Production in the **non-ferrous metals** group of industries reached a wartime maximum in 1943 when the net index stood at 285. During the next three years, output dropped 44 per cent, but recovered steadily thereafter, backed by sustained demand for base metals. Aluminum is being fabricated into an ever-increasing variety of commodities, and production of aluminum bars and rods, sheets, shapes, etc., reached record proportions in the post-war period. During the war years, aluminum sheet production was of a strong alloy type used principally in aircraft construction and required more fabrication than the regular type of sheet used in the production of cooking utensils and other civilian items.

Military requirements did not affect the nature of output in the **non-metallic mineral products** group of industries. In war or peace, the bulk of production consists of construction materials such as cement, cement products, building brick, lime and gypsum products, glass, stone products, etc. During the war, under government control, a major proportion of these industries' products were channelled into construction of new war production plants, extensions to prewar plants, housing for war workers and the building of training and operation facilities for the armed services. No serious reconversion problems were encountered by the non-metal industries immediately following the war. After a slight pause, following the peak of wartime output, plants turned their productive capacity towards meeting the unprecedented demands of the post-war construction boom. From a wartime maximum of 212 in 1943, the volume index dropped moderately in 1944 and 1945, but rose steeply in succeeding years to reach the record level of 342 in 1951.

In the durables sector, the **wood-using** industries were the least affected by the war. The volume of output of wood products expanded steadily without any serious interruption throughout the war and post-war years. In 1951 the index stood at 221, the highest on record. The two most important industries are **"Sawmills"** and **"Furniture"**. The index representing the former, after reaching a wartime maximum of 140 in 1942, declined considerably in 1943, and hovered around 124 during the next two years. Beginning in 1946, however, output rose sharply, spurred by strong foreign and domestic demand for sawn lumber and by 1951, the index had advanced to 168. Production in the furniture industry expanded throughout the period under review. The great increase in residential construction in the post-war period, together with the marked gain in new family formations created a boom for producers of house furnishings. Output of furniture jumped sharply in the three years immediately following the end of the war and rose more gradually during the subsequent period. The volume index reached a maximum of 234 in 1951.

TABLE 9. Indexes of the Volume of Manufacturing Production of the Groups Comprised within the Durable Manufactures Classification, 1935-1951

(1935-39 = 100)

Year	Durable manufactures						
	Wood products	Iron and steel products	Transportation equipment	Non-ferrous metal products	Electrical apparatus and supplies	Non-metallic mineral products	Miscellaneous manufactures
1935	85.3	80.5	90.0	78.5	83.8	75.7	88.1
1936	95.8	93.0	93.5	91.5	91.2	91.7	96.1
1937	108.0	118.1	114.3	106.5	118.7	117.4	104.1
1938	102.2	100.7	101.0	109.3	102.4	105.5	103.5
1939	108.8	107.7	101.3	114.3	103.8	109.8	108.2
1940	132.1	162.3	165.1	138.0	152.9	138.4	119.4
1941	150.2	238.0	291.8	193.5	225.8	184.9	170.7
1942	156.0	315.9	439.9	255.3	273.5	209.8	248.2
1943	148.4	362.4	562.8	284.9	310.5	211.6	314.6
1944	153.4	326.2	693.7	256.2	312.1	205.3	317.1
1945	155.6	265.2	453.7	193.4	258.1	195.8	275.9
1946	175.0	222.6	221.5	160.1	247.3	221.4	225.0
1947	195.6	249.9	239.5	182.8	316.8	269.8	233.4
1948	200.7	270.4	232.6	201.6	328.5	283.7	224.5
1949	202.3	264.5	243.9	200.5	333.8	284.4	261.6
1950	215.1	263.2	262.2	212.8	367.6	314.6	281.7
1951	220.6	292.2	315.0	234.7	392.3	342.1	283.2

Section 3. Production by Industrial Groups and Individual Industries

In the Standard Classification adopted in 1949 the industries are now grouped into seventeen major groups listed in Table 11, instead of the nine groups listed in Table 13 which were formerly used as the main basis of classification. The grouping used in Table 11 where the statistics of individual industries are presented in detail and in the historical series shown in Table 3, is, therefore, on the basis of the new Standard Industrial Classification. However, to retain some basis of continuity with the past, there is a less detailed analysis given in Table 13 on the component material classification basis, while Table 14 gives the industries on the basis of the origin of the materials used.

Subsection 1. Manufactures Grouped on the Standard Classification Basis

Recent Changes in Manufacturing Production.— Table 10 shows the changes in the nature of manufacturing production since the end of World War II with regard to numbers employed, the salaries and wages paid, and the gross value of products. Owing to price declines during depressions and rises during periods of prosperity, the values of both wages and products are naturally affected more than the number of employees. Furthermore, during periods of curtailed production there is a tendency for wage-earners to be put on part time, while the number of salaried employees responds less quickly to reduction in output than that of wage-earners. Therefore, there are several reasons why the variation in number of employees should be less than that of money values. The figures of Table 10 are to be compared with those of Tables 7, 8 and 9

which show changes in volume of production. The number of employees in 1944 increased by 86 p.c. over 1939. Salaries and wages paid were 175 p.c. higher and the gross value of production 161 p.c. higher. Another significant change is the increase in the proportion of women engaged in manufacturing. Whereas in 1939, there were 281 females to every 1,000 males employed, in 1944 this figure jumped to 403.

Significant changes in the nature of manufacturing production took place after the cessation of hostilities in 1945. Industries engaged in war production operated at a substantially lower level, while industries producing consumer goods stepped up their production. From the point of view of employment the chemical and allied products group with a drop of 33 p.c. experienced the greatest decline in production between 1945 and 1949. Transportation equipment which includes aircraft and shipbuilding was second with a drop of 32 p.c., followed by tobacco and tobacco products with 12 p.c., rubber goods 12 p.c. and iron and steel products 3 p.c. The non-metallic mineral products group reported the greatest gain in employment with an increase of 39 p.c. followed by printing, publishing and allied trades 31 p.c., wood products 29 p.c., electrical apparatus and supplies 27 p.c., products of petroleum and coal 26 p.c., paper products 21 p.c., textiles (except clothing) 19 p.c., clothing (textile and fur) 18 p.c., food and beverages 8 p.c., leather products 2 p.c. and non-ferrous metal products 1 p.c. For manufacturing as a whole there was an increase of 4 p.c. in the number of employees with an increase of 39 p.c. in the amount of salaries and wages paid. Although there was an increase of 50 p.c. in the gross value of production, the increase in the physical volume was only 3.4 p.c. This is due to the rise in the wholesale prices of fully and partly manufactured products.

Between 1949 and 1951, for manufacturing as a whole, there was an increase of 31.4 p.c. in gross value of production, 26.4 p.c. in salaries and wages and 7.4 p.c. in employment. In terms of gross value of production of specific industry groups the largest gain of 74.6 p.c. was made by rubber products, followed by paper products with 45.4 p.c., transportation equipment 45 p.c. and non-ferrous metal products 44.5 p.c. Substantial gains were also recorded by electrical apparatus, wood and non-metallic mineral products. The smallest gain in gross value was reported by tobacco products, leather products and clothing, with gains of 3.9, 5.3 and 7.2 p.c. respectively.

TABLE 10. Percentage Variations in Employment, Salaries and Wages, and Gross Value of Products in the Main Industrial Groups, Compared for Significant Years, 1945-51

Industrial Group	1949 compared with 1945			1951 compared with 1949		
	Employees	Salaries and wages	Gross value of products	Employees	Salaries and wages	Gross value of products
	1	2	3	4	5	6
Food and beverages [1]	+ 8.1	+ 48.5	+ 49.5	+ 1.5	+ 18.1	+ 19.7
Tobacco and tobacco products	- 12.2	+ 39.1	+ 42.3	- 8.0	+ 11.6	+ 3.9
Rubber products	- 11.8	+ 23.2	- 1.6	+ 11.2	+ 33.6	+ 74.6
Leather products	+ 2.3	+ 38.0	+ 25.6	- 9.5	- —	+ 5.3
Textile products (except clothing)	+ 18.9	+ 78.6	+ 65.1	+ 5.1	+ 18.5	+ 32.9
Clothing (textile and fur)	+ 17.8	+ 57.1	+ 52.6	- 1.7	+ 7.7	+ 7.2
Wood products [1]	+ 28.9	+ 86.7	+ 83.9	+ 7.9	+ 25.9	+ 37.2
Paper products [1]	+ 20.7	+ 80.5	+ 95.1	+ 8.4	+ 32.7	+ 45.4
Printing, publishing and allied trades [2]	+ 31.2	+ 81.2	+ 84.1	+ 4.6	+ 20.7	+ 19.6
Iron and steel products	- 3.4	+ 31.6	+ 49.0	+ 12.0	+ 32.4	+ 34.2
Transportation equipment	- 32.4	- 17.1	+ 2.8	+ 17.0	+ 35.9	+ 45.0
Non-ferrous metal products	+ 1.1	+ 39.9	+ 58.0	+ 12.1	+ 31.5	+ 44.5
Electrical apparatus and supplies	+ 26.7	+ 79.5	+ 110.9	+ 20.9	+ 41.9	+ 39.0
Non-metallic mineral products	+ 38.8	+ 96.0	+ 88.6	+ 12.0	+ 33.3	+ 35.9
Products of petroleum and coal	+ 26.2	+ 73.7	+ 97.6	+ 7.2	+ 30.6	+ 32.9
Chemical Products	- 32.6	- 6.0	+ 17.8	+ 10.5	+ 30.4	+ 32.2
Miscellaneous industries [4]	—	—	—	+ 8.9	+ 30.8	+ 34.8
Averages, all industries [3]	**+ 3.6**	**+ 39.2**	**+ 50.0**	**+ 7.4**	**+ 26.4**	**+ 31.4**

1. Exclusive of Newfoundland in columns 1, 2 and 3; inclusive of Newfoundland in columns 4, 5 and 6.
2. Exclusive of "Publishing (only) of Periodicals".
3. Exclusive of "Publishing (only) of Periodicals", excludes Newfoundland in columns 1, 2 and 3, includes Newfoundland in Columns 4, 5 and 6.
4. Due to the change of establishments from one industry to another figures for 1949 are not comparable with previous years.

Detailed Statistics by Groups and Individual Industries.— Table 11 presents for the year 1951 detailed statistics regarding the individual industries under which all industrial plants in Canada are classified. The industries are further assembled under seventeen main groups according to the Standard Industrial Classification.

In interpreting the statistics of individual industries it should be remembered that the figures on employment, production, etc., do not refer to individual products but to all the products made in an industry. For example, the value of production of the confectionery industry amounting to $104,853,748 in 1950 does not imply that this was the value of confectionery produced. What it means is that the firms whose principal product is confectionery, had a value of production of $104,853,748. This figure, in addition to confectionery, includes all the subsidiary products made by these firms, such as ice cream which was valued at $2,214,689 and bread and other bakery products valued at $2,457,312. Confectionery is also produced as a subsidiary product by firms credited to other industrial classifications. For total production figures of individual products, reference should be made to "The Alphabetical List of Products" published annually as Appendix II to this report.

The incidence of the War resulted in a rearrangement in the rank of many industries. Industries producing supplies and equipment for the Armed Forces naturally advanced while those industries producing for the domestic consumer market declined in importance. To supply the raw materials needed by the industries engaged principally in war production, it became necessary to restrict or prohibit the manufacture of many products such as automobiles, radios, washing machines, electrical equipment, household appliances, agricultural implements, etc. Though these industries were forced to change over to wartime production, the changes did not affect the value of their output and consequently their importance as producers of manufactured goods did not alter drastically. To analyse the effects of the War and the conversion to peace-time production on any industry, it is necessary to compare the nature of the products made before and during the War with that of the present. This should be borne in mind in making industrial comparisons of the war years and the present. For example, the number of employees engaged in the agricultural implements industry increased by 8,248 between 1939 and 1945; this in spite of the fact that the output of agricultural implements remained at about the same level. The increase was due to a change-over of some of the plants to war production. It is therefore impossible to trace industrial trends from the principal statistics alone, as published in this report.

TABLE 11. Establishments, Employees, Salaries and Wages, Fuel and Electricity, Materials and Values of Products of the Manufacturing Industries, 1951

No.	Province, industry and group	Establishments	Employees on salary			Employees on wages		
			Male	Female	Salaries	Male	Female	Wages
		No.	No.	No.	$	No.	No.	$
	PROVINCE							
1	Newfoundland	822	1,697	298	4,757,011	6,488	1,139	17,924,235
2	Prince Edward Island	237	362	92	778,604	906	375	1,680,949
3	Nova Scotia	1,474	3,662	1,004	11,664,070	22,446	3,400	52,311,684
4	New Brunswick	1,084	2,709	880	9,893,725	17,296	3,620	43,653,157
5	Quebec	11,861	57,222	21,843	256,228,103	245,869	92,248	749,373,577
6	Ontario	13,025	85,433	38,404	432,056,989	378,862	96,734	1,237,329,993
7	Manitoba	1,512	5,709	2,072	23,729,367	25,992	7,686	76,441,599
8	Saskatchewan	973	2,183	813	7,322,831	7,050	977	18,967,463
9	Alberta	2,118	5,001	1,457	16,521,056	19,556	3,091	52,614,531
10	British Columbia	3,897	12,939	3,971	53,668,749	67,826	8,911	208,957,534
11	Yukon and Northwest Territories	18	26	10	94,099	103	13	311,591
12	**Totals**[1]	**37,021**	**176,943**	**70,844**	**816,714,604**	**792,394**	**218,194**	**2,459,566,313**
	INDUSTRIAL GROUP							
13	Foods and beverages[1]	8,388	24,423	9,803	100,673,433	103,254	35,013	292,186,002
14	Tobacco and tobacco products	62	943	533	5,408,847	3,317	5,033	19,029,371
15	Rubber products	67	3,762	1,524	17,767,922	13,585	4,183	46,589,774
16	Leather products	711	2,917	1,188	13,398,095	16,077	11,396	46,270,669
17	Textile products (except clothing)	892	7,360	3,748	40,597,090	44,402	26,200	144,433,399
18	Clothing (textile and fur)	3,083	9,759	6,066	53,405,045	30,972	68,936	168,959,902
19	Wood products	11,975	20,208	3,030	52,278,571	102,972	5,068	230,783,503
20	Paper products	547	10,213	3,902	61,238,472	60,115	8,659	215,282,534
21	Printing, publishing and allied industries	4,019	15,005	9,269	66,737,821	31,469	8,951	104,090,909
22	Iron and steel products	2,435	25,691	9,106	126,490,198	140,730	7,796	420,824,417
23	Transportation equipment	599	14,913	4,562	72,702,273	99,461	3,581	295,404,160
24	Non-ferrous metal products	536	7,186	2,684	35,379,886	36,923	3,321	115,353,818
25	Electrical apparatus and supplies	373	12,401	5,164	60,924,133	36,435	13,626	133,824,905
26	Non-metallic mineral products	1,042	3,904	1,390	17,453,958	24,176	2,052	68,625,014
27	Products of petroleum and coal	82	3,820	1,234	18,506,609	10,473	71	33,441,281
28	Chemicals and allied products	1,037	10,282	5,395	52,970,452	24,477	5,510	78,339,699
29	Miscellaneous manufacturing industries	1,173	4,156	2,246	20,781,799	13,556	8,798	46,126,956
	1. Foods and beverages							
	Bakery products:							
30	Biscuits	46	404	308	2,185,105	2,298	3,166	9,735,568
31	Bread and other bakery products	2,607	3,656	1,209	11,920,659	20,773	6,614	55,195,260
	Beverages:							
32	Breweries	63	1,442	399	8,056,046	6,504	104	19,433,263
33	Carbonated beverages	510	1,539	464	5,858,841	5,072	314	10,190,037
34	Distilled liquors	20	703	287	3,971,213	2,278	1,375	8,966,950
35	Wines	26	119	48	746,157	329	60	931,759
	Canning and processing:							
36	Fish processing	633	1,427	374	4,529,006	9,271	3,839	20,215,183
37	Fruit and vegetable preparations	459	1,675	902	7,933,709	7,270	6,554	22,173,867
	Dairy products:							
38	Butter and cheese	1,690	3,746	1,630	11,665,107	14,542	982	35,116,443
39	Cheese, process	24	168	60	754,057	418	351	1,579,344
40	Condensed milk products	31	189	86	814,481	1,142	78	2,938,026
41	Dairy products, other	44	126	64	520,720	454	145	1,193,909
	Grain mill products:							
42	Feeds, stock and poultry, prepared	648	1,228	434	3,988,703	3,726	117	8,191,154
43	Feed mills	663	649	72	959,650	769	4	1,173,273
44	Flour mills	108	844	441	4,170,746	3,449	130	9,425,851
45	Foods, breakfast	20	124	90	717,756	651	389	2,868,917
	Meat products:							
46	Animal oils and fats	14	47	13	268,227	283	—	755,762
47	Sausage and sausage casings	77	182	51	713,783	536	244	1,527,305
48	Slaughtering and meat packing	155	3,502	1,208	16,824,332	13,363	2,841	45,284,543
	Other food industries:							
49	Confectionery	195	630	543	3,432,626	3,285	4,363	13,434,722
50	Macaroni and kindred products	15	56	32	253,092	315	168	1,006,218
51	Sugar refining	12	435	131	2,339,926	2,747	249	7,933,013
	Miscellaneous food preparations:							
52	Malt and malt products	13						
53	Starch and glucose	9	1,532	957	8,049,491	3,779	2,926	12,915,635
54	Miscellaneous foods, n.e.s.	306						
55	**Totals, foods and beverages**	**8,388**	**24,423**	**9,803**	**100,673,433**	**103,254**	**35,013**	**292,186,002**
	2. Tobacco and tobacco products:							
56	Tobacco, cigars and cigarettes	48	742	507	4,497,116	2,529	4,203	16,464,041
57	Tobacco processing and packing	14	201	26	911,731	788	830	2,565,330
58	**Totals, tobacco and tobacco products**	**62**	**943**	**533**	**5,408,847**	**3,317**	**5,033**	**19,029,371**
	3. Rubber products:							
59	Rubber goods, including footwear	67	3,762	1,524	17,767,922	13,585	4,183	46,589,774
60	**Totals, rubber products**	**67**	**3,762**	**1,524**	**17,767,922**	**13,585**	**4,183**	**46,589,774**

1. Includes fish processing in Newfoundland.

TABLE 11. Establishments, Employees, Salaries and Wages, Fuel and Electricity, Materials and Values of Products of the Manufacturing Industries, 1951

Total employees	Total salaries and wages	Cost of fuel and electricity	Cost of materials	Net value of products	Gross value of products	No.
No.	$	$	$	$	$	
9,622	22,681,246	3,835,127	43,117,299	53,690,187	100,642,613	1
1,735	2,459,553	298,894	17,177,748	5,046,797	22,523,439	2
30,512	63,975,754	12,017,268	172,115,336	119,486,630	303,619,234	3
24,505	53,546,882	10,219,685	176,358,864	120,594,955	307,173,504	4
417,182	1,005,601,680	135,585,022	2,696,638,646	2,083,933,751	4,916,157,419	5
599,433	1,669,386,982	170,936,785	4,334,394,367	3,569,400,065	8,074,731,217	6
41,459	100,170,966	9,293,767	349,203,612	192,848,667	551,346,046	7
11,023	26,290,294	4,572,965	185,151,455	61,088,606	250,813,026	8
29,105	69,135,587	7,201,192	309,430,618	141,649,574	458,281,384	9
93,647	262,626,283	22,591,359	789,840,417	592,448,565	1,404,880,341	10
152	405,690	161,932	1,097,991	758,986	2,018,909	11
1,258,375	**3,276,280,917**	**376,713,996**	**9,074,526,353**	**6,940,946,783**	**16,392,187,132**	12
172,493	392,859,435	45,582,833	2,419,206,798	985,240,884	3,450,030,515	13
9,826	24,438,218	553,715	119,590,053	59,033,325	179,177,093	14
23,054	64,357,696	3,541,859	146,951,650	161,184,980	311,678,489	15
31,578	59,668,764	1,883,636	135,114,110	84,885,048	221,882,794	16
81,710	185,030,489	13,236,754	495,304,102	337,936,447	846,477,303	17
115,733	222,364,947	3,992,730	405,347,118	370,672,177	780,012,025	18
131,278	283,062,074	13,268,818	610,807,577	529,300,377	1,153,376,772	19
82,889	276,521,006	78,428,547	683,488,653	827,924,962	1,589,842,162	20
64,694	170,828,730	3,746,534	152,753,412	295,642,569	452,142,515	21
183,323	547,314,615	52,749,820	860,565,510	991,334,800	1,904,650,130	22
122,517	368,106,433	13,986,634	870,178,794	657,424,400	1,541,589,828	23
50,114	150,733,704	49,569,569	797,412,763	406,616,836	1,253,599,168	24
67,626	194,749,038	5,844,780	316,561,307	353,602,872	676,008,959	25
31,522	86,078,972	30,514,868	109,011,701	195,348,829	334,875,398	26
15,598	51,947,890	31,694,750	497,982,695	179,872,590	709,550,035	27
45,664	131,310,151	25,505,555	366,957,695	384,026,141	776,489,391	28
28,756	66,908,755	2,612,594	87,292,415	120,899,546	210,804,555	29
6,176	11,920,673	827,345	34,863,609	36,208,624	71,899,578	30
32,252	67,115,919	7,559,249	121,376,693	116,352,428	245,288,370	31
8,449	27,489,309	2,511,866	45,905,901	112,741,266	161,159,033	32
7,389	16,048,878	2,186,126	33,195,192	55,132,309	90,513,627	33
4,643	12,938,163	2,204,991	43,393,190	68,097,335	113,695,516	34
556	1,677,916	126,739	4,356,877	5,614,554	10,098,170	35
14,911	24,744,189	2,724,087	101,621,086	58,665,035	163,010,208	36
16,401	30,107,576	2,726,635	116,052,675	81,999,840	200,779,150	37
20,900	46,781,550	6,726,623	284,602,975	82,416,262	373,745,860	38
997	2,333,401	115,101	21,111,152	5,122,815	26,349,068	39
1,495	3,752,507	1,384,378	53,113,387	12,554,063	67,051,828	40
789	1,714,629	265,582	5,855,335	4,262,026	10,382,943	41
5,505	12,179,857	1,939,212	144,617,180	27,953,403	174,509,795	42
1,494	2,132,923	589,816	19,759,811	4,110,636	24,460,263	43
4,864	13,596,597	1,656,382	242,132,072	37,078,324	280,866,778	44
1,254	3,586,673	337,494	11,179,392	12,179,023	23,695,909	45
343	1,023,989	239,583	2,644,751	1,684,344	4,568,678	46
1,013	2,241,088	227,280	13,098,706	4,714,222	18,040,208	47
20,914	62,108,875	4,235,250	767,366,797	120,488,594	892,090,641	48
8,821	16,867,348	1,114,168	48,795,224	40,311,474	90,220,866	49
571	1,259,310	123,986	4,438,767	3,501,282	8,064,035	50
3,562	10,272,939	2,840,533	107,540,497	28,728,247	139,109,277	51
						52
9,194	20,965,126	2,920,407	192,185,529	65,324,778	260,430,714	53
						54
172,493	**392,859,435**	**45,582,833**	**2,419,206,798**	**985,240,884**	**3,450,030,515**	55
7,981	20,961,157	357,933	62,886,259	53,244,619	116,488,811	56
1,845	3,477,061	195,782	56,703,794	5,788,706	62,688,282	57
9,826	**24,438,218**	**553,715**	**119,590,053**	**59,033,325**	**179,177,093**	58
23,054	64,357,696	3,541,859	146,951,650	161,184,980	311,678,489	59
23,054	**64,357,696**	**3,541,859**	**146,951,650**	**161,184,980**	**311,678,489**	60

TABLE 11. Establishments, Employees, Salaries and Wages, Fuel and Electricity, Materials and Values of Products of the Manufacturing Industries, 1951 — Continued

No.	Province, industry and group	Establishments	Employees on salary			Employees on wages		
			Male	Female	Salaries	Male	Female	Wages
		No.	No.	No.	$	No.	No.	$
	4. Leather products:							
1	Footwear, leather	290	1,676	710	7,590,611	9,750	7,863	28,256,825
2	Gloves and mittens, leather	75	178	82	774,381	754	1,289	2,722,089
3	Leather tanning	67	431	146	2,213,776	3,173	311	8,104,830
	Other leather industries:							
4	Belting, leather	15	30	21	163,781	117	14	275,960
5	Boot and shoes findings, leather	25	71	26	359,872	307	109	860,796
6	Miscellaneous leather goods, n.e.s.	239	531	203	2,295,674	1,976	1,810	6,050,169
7	**Totals, leather products**	**711**	**2,917**	**1,188**	**13,398,095**	**16,077**	**11,396**	**46,270,669**
	5. Textile products (except clothing):							
	Cotton goods:							
8	Cotton thread	8	111	62	658,697	178	513	1,233,883
9	Cotton yarn and cloth	54	1,327	916	8,265,512	16,376	9,013	50,469,321
10	Miscellaneous cotton goods	13	56	14	408,931	513	112	1,513,261
	Woollen goods:							
11	Carpets, mats and rugs	22	180	82	1,040,532	752	441	2,658,083
12	Woollen cloth	88	684	343	3,983,845	4,852	3,528	16,789,340
13	Woollen yarn	53	272	172	1,457,107	1,674	1,727	6,637,393
14	Miscellaneous woollen goods	45	220	99	1,521,314	1,585	443	4,528,728
15	Synthetic textiles and silk	46	2,300	978	11,692,668	10,651	4,068	33,001,070
	Other primary textiles:							
16	Dyeing and finishing of textiles	52	293	136	1,494,535	1,832	201	4,502,501
17	Narrow fabrics	46	197	106	1,065,374	890	1,009	3,688,476
	Other textile industries:							
18	Automobile accessories, fabric	9	96	48	567,270	262	288	1,170,613
19	Awnings, tents and sails	115	281	96	925,495	566	604	1,860,175
20	Bags, cotton and jute	33	143	67	750,272	347	755	1,733,488
21	Cordage, rope and twine	11	135	60	824,543	1,030	549	3,751,757
22	Embroideries, pleating, hemstitching, etc.	131	204	78	953,780	508	874	2,101,153
23	Oilcloth, linoleum and other coated fabrics	15	396	171	2,492,072	1,582	230	4,639,339
24	Miscellaneous textiles, n.e.s.	151	465	320	2,495,143	804	1,845	4,154,818
25	**Totals, textile products (except clothing)**	**892**	**7,360**	**3,748**	**40,597,090**	**44,402**	**26,200**	**144,433,399**
	6. Clothing (textile and fur)							
	Men's, women's and children's clothing:							
26	Clothing, children's, factory	156	369	269	2,119,697	968	4,049	7,053,403
27	Clothing, men's, factory	577	2,665	1,500	14,751,945	8,831	19,736	47,564,221
28	Clothing, women's, factory	912	2,580	1,689	14,847,672	6,202	18,217	41,916,610
29	Clothing contractors, men's	143	229	48	703,153	1,027	2,332	5,027,762
30	Clothing contractors, women's	82	118	31	452,481	205	1,501	2,247,918
	Knitted goods:							
31	Hosiery	124	724	573	4,576,800	4,073	5,941	18,922,618
32	Other knitted goods	171	831	713	5,118,497	3,635	8,698	20,382,297
	Miscellaneous clothing:							
33	Corsets	37	207	422	1,719,532	291	2,226	3,196,545
34	Fur dressing and dyeing	20	100	37	600,593	940	228	2,538,783
35	Fur goods	612	1,203	349	4,755,383	2,625	1,907	9,657,070
36	Gloves and mittens, fabric	15	37	34	238,766	116	584	823,645
37	Hats and caps	159	504	282	2,550,749	1,625	2,424	7,245,998
38	Oiled and waterproofed clothing	14	35	22	206,741	160	262	789,579
39	Clothing, n.e.s.	61	157	97	763,036	274	831	1,593,453
40	**Totals, clothing (textile and fur)**	**3,083**	**9,759**	**6,066**	**53,405,045**	**30,972**	**68,936**	**168,959,902**
	7. Wood products							
41	Furniture	1,430	3,477	1,086	14,195,631	20,854	1,857	47,233,644
	Saw and planing mills:							
42	Flooring, hardwood	29	178	60	918,040	1,506	24	3,115,506
43	Sash, door and planing mills	1,698	3,058	627	9,621,964	15,502	170	30,838,716
44	Sawmills	7,934	11,395	705	19,507,788	49,825	490	112,550,819
45	Veneers and plywoods	47	448	149	2,410,918	5,445	1,121	15,766,057
	Other wood industries:							
46	Beekeepers' and poultrymen's supplies	6	11	4	33,436	35	3	55,997
47	Boxes and baskets, wood	169	354	67	1,267,357	3,030	391	6,121,331
48	Coffins and caskets	57	147	57	600,288	932	164	2,101,470
49	Cooperage	136	172	23	358,342	689	7	1,461,501
50	Excelsior	13	20	6	69,734	112	27	231,416
51	Lasts, trees, and shoe findings	14	56	27	225,949	282	146	755,829
52	Woodenware	32	59	16	195,601	467	161	1,038,305
53	Wood turning	76	168	37	557,979	995	133	1,945,960
54	Miscellaneous wood products n.e.s.	334	665	166	2,315,544	3,298	374	7,566,952
55	**Totals, wood products**	**11,975**	**20,208**	**3,030**	**52,278,571**	**102,972**	**5,068**	**230,783,503**

TABLE 11. Establishments, Employees, Salaries and Wages, Fuel and Electricity, Materials and Values of Products of the Manufacturing Industries, 1951 — Continued

Total employees	Total salaries and wages	Cost of fuel and electricity	Cost of materials	Net value of products	Gross value of products	No.
No.	$	$	$	$	$	
19,999	35,847,436	556,872	67,338,736	52,010,174	119,905,782	1
2,303	3,496,470	59,112	7,285,990	5,498,420	12,843,522	2
4,061	10,318,606	1,037,009	44,385,680	12,457,291	57,879,980	3
182	439,741	25,370	1,418,185	775,514	2,219,069	4
513	1,220,668	56,875	2,909,390	1,673,004	4,639,269	5
4,520	8,345,843	148,398	11,776,129	12,470,645	24,395,172	6
31,578	**59,668,764**	**1,883,636**	**135,114,110**	**84,885,048**	**221,882,794**	7
864	1,892,580	101,455	5,745,017	5,324,936	11,171,408	8
27,632	58,734,833	4,049,203	172,443,466	97,158,451	273,651,120	9
695	1,922,192	121,930	8,342,900	3,997,727	12,462,557	10
1,455	3,698,615	316,574	8,769,831	7,227,333	16,313,738	11
9,407	20,773,185	1,316,374	60,068,359	29,980,765	91,365,498	12
3,845	8,094,500	535,779	31,391,933	12,790,315	44,718,027	13
2,347	6,050,042	413,936	26,221,606	13,184,792	39,820,334	14
17,997	44,693,738	4,031,711	66,040,725	96,477,461	166,549,897	15
2,462	5,997,036	927,441	3,492,222	9,710,233	14,129,896	16
2,202	4,753,850	171,524	8,081,312	8,654,462	16,907,298	17
694	1,737,883	41,968	3,478,348	3,323,657	6,843,973	18
1,547	2,785,670	94,468	6,627,662	4,424,091	11,146,221	19
1,312	2,483,760	99,230	33,916,959	4,713,005	38,729,194	20
1,774	4,576,300	216,893	19,736,188	9,756,163	29,709,244	21
1,664	3,054,933	40,221	2,694,900	5,286,127	8,021,248	22
2,379	7,131,411	490,109	16,727,708	12,163,917	29,381,734	23
3,434	6,649,961	267,938	21,524,966	13,763,012	35,555,916	24
81,710	**185,030,489**	**13,236,754**	**495,304,102**	**337,936,447**	**846,477,303**	25
5,655	9,173,100	117,728	18,066,604	15,584,008	33,768,340	26
32,732	62,316,166	740,759	131,612,306	106,308,266	238,661,331	27
28,688	56,764,282	517,527	102,135,519	95,097,888	197,750,934	28
3,636	5,730,915	89,800	707,342	7,057,324	7,854,466	29
1,855	2,700,399	40,337	170,537	3,930,289	4,141,163	30
11,311	23,499,418	756,355	25,658,754	39,814,373	66,229,482	31
13,877	25,500,794	1,038,333	58,743,251	43,709,059	103,490,643	32
3,146	4,916,077	62,986	7,808,061	8,723,243	16,594,290	33
1,305	3,139,376	126,645	1,076,825	4,099,291	5,302,761	34
6,084	14,412,453	216,658	38,100,218	22,892,670	61,209,546	35
771	1,062,411	14,872	2,371,187	1,958,814	4,344,873	36
4,835	9,796,747	223,981	11,549,016	15,518,769	27,291,766	37
479	996,320	9,173	2,423,013	2,131,996	4,564,182	38
1,359	2,356,489	37,576	4,924,485	3,846,187	8,808,248	39
115,733	**222,364,947**	**3,992,730**	**405,347,118**	**370,672,177**	**780,012,025**	40
27,274	61,429,275	2,109,864	90,323,522	98,474,043	190,907,429	41
1,768	4,033,546	218,722	8,978,183	6,603,380	15,800,285	42
19,357	40,460,680	2,323,357	109,505,507	66,936,399	178,765,263	43
62,415	132,058,607	6,511,528	313,174,713	271,865,508	591,551,749	44
7,163	18,176,975	587,395	31,202,287	40,732,585	72,522,267	45
53	89,433	6,411	191,549	228,225	426,185	46
3,842	7,388,688	339,070	12,185,755	12,591,358	25,116,183	47
1,300	2,701,758	108,682	3,707,392	4,302,664	8,118,738	48
891	1,819,843	90,925	4,431,813	2,515,852	7,038,590	49
165	301,150	24,093	358,931	500,856	883,880	50
511	981,778	28,781	790,991	1,426,884	2,246,656	51
703	1,233,906	59,482	1,209,177	1,720,595	2,989,254	52
1,333	2,503,939	111,035	2,944,006	3,931,855	6,986,896	53
4,503	9,882,496	749,473	31,803,751	17,470,173	50,023,397	54
131,278	**283,062,074**	**13,268,818**	**610,807,577**	**529,300,377**	**1,153,376,772**	55

TABLE 11. Establishments, Employees, Salaries and Wages, Fuel and Electricity, Materials, and Values of Products of the Manufacturing Industries, 1951 — Continued

No.	Province, Industry and Group	Establishments	Employees on salary			Employees on wages		
			Male	Female	Salaries	Male	Female	Wages
		No.	No.	No.	$	No.	No.	$
	8. Paper products:							
1	Boxes and bags, paper	187	1,364	704	8,148,190	6,451	4,865	24,086,979
2	Pulp and paper	126	7,174	2,239	44,126,918	47,164	714	169,042,988
3	Roofing paper	26	532	245	2,129,150	1,463	93	4,084,679
4	Miscellaneous paper goods	208	1,143	714	6,834,214	5,037	2,987	18,067,888
5	**Totals, paper products**	**547**	**10,213**	**3,902**	**61,238,472**	**60,115**	**8,659**	**215,282,534**
	9. Printing, publishing and allied industries:							
	Commercial printing:							
6	Printing and bookbinding	1,623	3,795	1,729	17,150,131	12,466	5,223	40,068,214
7	Trade composition	46	123	47	636,865	573	22	1,683,853
	Engraving, stereotyping and allied industries:							
8	Engraving, stereotyping and electrotyping	124	649	298	4,017,689	2,748	582	10,287,146
9	Lithographing	71	544	363	3,259,872	2,520	1,094	9,433,898
	Printing and publishing:							
10	Printing and publishing	801	7,792	4,316	33,623,767	13,162	2,030	42,617,798
11	Publishing (only) of periodicals	1,354	2,102	2,516	8,049,497	—	—	—
12	**Totals, printing, publishing and allied industries**	**4,019**	**15,005**	**9,269**	**66,737,821**	**31,469**	**8,951**	**104,090,909**
	10. Iron and steel products:							
13	Agricultural implements	81	2,482	716	10,727,332	13,871	167	41,490,098
14	Boilers, tanks and platework	64	1,486	460	7,033,629	5,464	80	17,235,069
15	Bridge building and structural steel	34	1,621	357	8,035,027	6,578	52	20,243,399
16	Castings, iron	205	1,549	591	8,371,382	14,977	345	43,757,031
17	Hardware, tools and cutlery	297	1,873	941	9,785,622	9,729	1,746	29,694,712
18	Heating and cooking apparatus	110	1,169	504	5,855,050	6,201	201	16,177,324
19	Machinery, household, office and store	67	1,252	569	5,901,175	6,892	1,187	20,214,932
20	Machinery, industrial	300	4,477	1,754	22,026,229	15,595	500	45,260,684
21	Machine shops	559	1,262	287	4,660,993	4,588	94	11,557,983
22	Machine tools	12	299	110	1,401,653	1,476	43	4,279,770
23	Primary iron and steel	57	3,128	978	16,744,000	28,884	403	91,817,802
24	Sheet metal products	277	2,498	957	12,778,709	12,211	1,771	36,258,643
25	Wire and wire goods	117	1,174	502	6,341,636	6,384	799	20,487,617
26	Miscellaneous iron and steel products	255	1,421	380	6,827,761	7,880	408	22,349,353
27	**Totals, iron and steel products**	**2,435**	**25,691**	**9,106**	**126,490,198**	**140,730**	**7,796**	**420,824,417**
	11. Transportation equipment:							
28	Aircraft and parts	23	4,122	1,363	19,417,203	13,365	348	40,141,114
29	Bicycles and parts	7	140	64	699,234	745	105	2,217,707
30	Boat building	228	329	46	727,272	1,140	16	2,405,604
31	Carriages, wagons and sleighs	48	93	36	402,756	573	110	1,336,241
32	Motor vehicles	19	4,245	1,413	23,267,271	24,500	321	78,075,503
33	Motor vehicle parts	161	2,390	957	12,855,397	15,369	2,481	52,427,766
34	Railway rolling stock	37	2,154	300	9,228,292	30,842	114	84,800,542
35	Shipbuilding	76	1,440	383	6,104,848	12,927	86	33,999,683
36	**Totals, transportation equipment**	**599**	**14,913**	**4,562**	**72,702,273**	**99,461**	**3,581**	**295,404,160**
	12. Non-ferrous metal products:							
37	Aluminum products	84	1,391	839	7,522,005	4,605	321	13,061,594
38	Brass and copper products	153	1,341	568	7,006,881	7,525	643	22,311,195
39	Jewellery and silverware	209	654	443	3,632,148	3,040	1,601	9,683,435
40	Non-ferrous metal smelting and refining	17	3,193	555	13,816,942	19,005	61	61,657,563
41	White metal alloys	51	460	172	2,601,252	2,194	550	6,911,090
42	Miscellaneous non-ferrous metal products	22	147	107	800,658	554	145	1,728,941
43	**Totals, non-ferrous metal products**	**536**	**7,186**	**2,684**	**35,379,886**	**36,923**	**3,321**	**115,353,818**
	13. Electrical apparatus and supplies:							
44	Batteries	25	371	209	2,021,508	1,123	436	4,118,324
45	Radios and radio parts	70	2,225	919	11,876,204	3,758	3,229	16,391,885
46	Refrigerators, vacuum cleaners and appliances	87	1,333	635	6,831,891	5,540	1,295	17,220,223
47	Machinery, heavy electrical	50	4,697	1,773	21,481,397	14,886	3,940	54,117,515
48	Miscellaneous electrical apparatus and supplies	141	3,775	1,628	18,713,133	11,128	4,726	41,976,958
49	**Totals, electrical apparatus and supplies**	**373**	**12,401**	**5,164**	**60,924,133**	**36,435**	**13,626**	**133,824,905**

TABLE 11. Establishments, Employees, Salaries and Wages, Fuel and Electricity, Materials, and Values of Products of the Manufacturing Industries, 1951 — Continued

Total employees	Total salaries and wages	Cost of fuel and electricity	Cost of materials	Net value of products	Gross value of products	No
No.	$	$	$	$	$	
13,384	32,235,169	1,070,927	102,219,244	68,939,995	172,230,166	1
57,291	213,169,906	75,625,718	483,014,009	679,257,743	1,237,897,470	2
2,333	6,213,829	630,262	19,824,477	21,424,467	41,879,206	3
9,881	24,902,102	1,101,640	78,430,923	58,302,757	137,835,320	4
82,889	**276,521,006**	**78,428,547**	**683,488,653**	**827,924,962**	**1,589,842,162**	5
23,213	57,218,345	1,310,626	55,113,171	93,607,704	150,031,501	6
765	2,320,718	37,013	316,262	3,377,659	3,730,934	7
4,277	14,304,835	282,929	5,226,191	20,912,265	26,421,385	8
4,521	12,693,770	236,893	15,893,567	21,227,486	37,357,946	9
27,300	76,241,565	1,879,073	56,975,903	137,862,920	196,717,896	10
4,618	8,049,497	—	19,228,318	18,654,535	37,882,853	11
64,694	**170,828,730**	**3,746,534**	**152,753,412**	**295,642,569**	**452,142,515**	12
17,236	52,217,430	1,984,214	96,469,032	72,719,250	171,172,496	13
7,490	24,268,698	912,743	27,339,236	46,829,163	75,081,142	14
8,608	28,278,426	1,094,789	48,652,449	59,903,113	109,650,351	15
17,462	52,128,413	3,487,662	75,003,538	86,683,461	165,174,661	16
14,289	39,480,334	1,719,245	39,022,361	75,716,095	116,457,701	17
8,075	22,032,374	1,086,576	36,235,145	36,817,015	74,138,736	18
9,900	26,116,107	897,826	39,694,393	51,156,419	91,748,638	19
22,326	67,286,913	2,272,544	79,106,152	120,611,361	201,990,057	20
6,231	16,218,976	667,376	10,814,175	25,472,584	36,954,135	21
1,928	5,681,423	162,985	4,250,817	6,856,338	11,270,140	22
33,393	108,561,802	32,103,307	223,011,814	209,472,365	464,587,486	23
17,437	49,037,352	2,150,024	108,335,172	86,629,030	197,114,226	24
8,859	26,829,253	1,449,244	37,773,731	67,288,945	106,511,920	25
10,089	29,177,114	2,761,285	34,857,495	45,179,661	82,798,441	26
183,323	**547,314,615**	**52,749,820**	**860,565,510**	**991,334,800**	**1,904,650,130**	27
19,198	59,558,317	1,492,895	36,291,613	79,403,570	117,188,078	28
1,054	2,916,941	151,170	4,224,024	4,121,721	8,496,915	29
1,531	3,132,876	113,797	2,643,394	4,373,433	7,130,624	30
812	1,738,997	77,611	3,782,837	3,039,022	6,899,470	31
30,479	101,342,774	2,667,570	469,114,484	271,113,834	742,895,888	32
21,197	65,283,163	3,271,070	142,840,935	117,021,089	263,133,094	33
33,410	94,028,834	4,767,123	175,964,789	119,895,329	300,627,241	34
14,836	40,104,531	1,445,398	35,316,718	58,456,402	95,218,518	35
122,517	**368,106,433**	**13,986,634**	**870,178,794**	**657,424,400**	**1,541,589,828**	36
7,156	20,583,599	1,533,277	43,492,395	42,391,900	87,417,572	37
10,077	29,318,076	2,117,706	121,703,878	56,176,303	179,997,887	38
5,738	13,315,583	354,601	29,314,583	20,705,029	50,374,213	39
22,814	75,474,505	44,684,200	553,658,940	262,972,790	861,315,930	40
3,376	9,512,342	809,230	46,540,009	18,674,676	66,023,915	41
953	2,529,599	70,555	2,702,958	5,696,138	8,469,651	42
50,114	**150,733,704**	**49,569,569**	**797,412,763**	**406,616,836**	**1,253,599,168**	43
2,139	6,139,832	370,256	23,983,736	13,367,364	37,721,356	44
10,131	28,268,089	620,269	41,158,787	43,845,136	85,624,192	45
8,803	24,052,114	1,093,730	54,789,621	54,129,163	110,012,514	46
25,296	75,598,912	1,823,329	96,604,451	123,141,325	221,569,105	47
21,257	60,690,091	1,937,196	100,024,712	119,119,884	221,081,792	48
67,626	**194,749,038**	**5,844,780**	**316,561,307**	**353,602,872**	**676,008,959**	49

TABLE 11. Establishments, Employees, Salaries and Wages, Fuel and Electricity, Materials, and Values of Products of the Manufacturing Industries, 1951 — Concluded

No.	Province, Industry and Group	Establishments	Employees on salary			Employees on wages		
			Male	Female	Salaries	Male	Female	Wages
		No.	No.	No.	$	No.	No.	$
	14. Non-metallic mineral products:							
1	Abrasives, artificial	19	324	186	1,811,231	2,361	118	7,864,051
2	Asbestos products	16	266	119	1,239,409	1,328	235	4,147,284
3	Cement	10	116	16	530,685	1,809	2	5,774,221
4	Cement products	427	843	163	2,971,321	4,124	39	9,477,829
5	Clay products from domestic clay	129	282	82	1,304,599	3,454	55	8,954,395
6	Clay products from imported clay	35	212	85	1,107,470	1,573	656	5,265,262
7	Glass and glass products	113	699	345	3,454,318	4,696	787	14,205,886
8	Gypsum products	10	203	83	1,016,178	828	24	2,288,117
9	Lime	44	84	18	369,811	1,014	1	2,773,311
10	Salt	12	175	54	564,131	470	49	1,266,203
11	Sand-lime brick	5	15	1	55,029	179	3	486,005
12	Stone products	161	442	155	1,891,319	1,663	10	4,306,851
13	Miscellaneous non-metallic mineral products	61	243	83	1,138,457	677	73	1,815,599
14	**Totals, non-metallic mineral products**	**1,042**	**3,904**	**1,390**	**17,453,958**	**24,176**	**2,052**	**68,625,014**
	15. Products of petroleum and coal:							
15	Coke and gas products	30	975	329	4,092,460	3,674	9	10,776,804
16	Petroleum products	52	2,845	905	14,414,149	6,799	62	22,664,477
17	**Totals, products of petroleum and coal**	**82**	**3,820**	**1,234**	**18,506,609**	**10,473**	**71**	**33,441,281**
	16. Chemicals and allied products:							
18	Acids, alkalies and salts	29	1,435	441	7,150,131	5,440	55	17,429,267
19	Fertilizers	39	678	188	3,232,824	2,328	24	7,077,245
20	Medicinal and pharmaceutical preparations	206	1,623	1,355	9,793,263	2,240	2,263	9,124,587
21	Paints, varnishes and lacquers	114	1,574	852	7,449,094	3,060	373	8,680,086
22	Primary plastics	16	452	157	2,293,335	989	50	3,109,518
23	Soaps, washing compounds and cleaning preparations	130	1,021	583	5,330,443	1,710	428	6,175,838
24	Toilet preparations	97	288	330	1,871,863	424	758	1,903,303
25	Vegetable oils	13	177	66	849,315	505	3	1,467,664
	Other chemical industries:							
26	Adhesives	29	139	79	700,914	454	42	1,270,992
27	Coal tar distillation	11	78	19	362,681	368	3	1,080,095
28	Gasses, compressed	51	327	218	1,605,917	698	4	2,075,459
29	Inks	34	176	95	997,765	515	42	1,454,249
30	Polishes and dressings	49	217	154	1,015,550	255	174	837,240
31	Miscellaneous chemical products, n.e.s.	219	2,097	858	10,317,357	5,491	1,291	16,654,156
32	**Totals, chemicals and allied products**	**1,037**	**10,282**	**5,395**	**52,970,452**	**24,477**	**5,510**	**78,339,699**
	17. Miscellaneous industries:							
33	Brooms, brushes and mops	94	325	206	1,630,716	1,205	577	3,154,709
34	Clocks, watches and watch cases	29	134	103	869,839	418	530	2,121,557
35	Fountain pens and pencils	20	159	135	969,921	330	498	1,699,297
36	Musical instruments	27	156	97	700,025	909	174	2,255,585
37	Plastics products	127	480	235	2,401,804	1,482	1,429	5,624,983
38	Scientific and professional equipment	100	869	446	4,585,012	1,860	999	7,450,595
39	Sporting goods	78	268	125	1,060,223	824	515	2,598,966
40	Toys and games	53	126	56	682,991	561	689	2,416,690
41	Typewriter supplies	7	57	44	457,753	190	106	565,602
	Other miscellaneous industries:							
42	Artificial flowers and feathers	39	67	41	277,585	193	375	718,679
43	Buttons, buckles and fasteners	41	178	117	1,068,076	579	748	2,638,359
44	Candles	13	33	38	164,769	99	60	275,072
45	Hair goods	19	24	13	105,877	102	19	244,321
46	Ice, artificial	77	196	59	671,716	914	5	2,219,034
47	Lamps, electric, and lamp shades	55	124	96	646,523	468	476	1,520,927
48	Models and patterns, excluding paper	62	87	8	340,144	298	2	929,118
49	Pipes, lighters and smokers' supplies	14	49	40	258,227	121	130	546,721
50	Signs, electric, neon and other	103	346	126	1,715,354	1,415	114	3,621,298
51	Stamps and stencils, rubber and metal	49	131	54	596,137	383	81	971,431
52	Statuary, art goods, regalia and novelties	125	177	68	628,146	422	370	1,231,461
53	Umbrellas	8	26	16	123,991	29	112	174,184
54	Other miscellaneous industries	33	144	123	826,970	754	789	3,148,367
55	**Totals, miscellaneous industries**	**1,173**	**4,156**	**2,246**	**20,781,799**	**13,556**	**8,798**	**46,126,956**
56	**Grand totals, all industries**	**37,021**	**176,943**	**70,844**	**816,714,604**	**792,394**	**218,194**	**2,459,566,313**

TABLE 11. Establishments, Employees, Salaries and Wages, Fuel and Electricity, Materials, and Values of Products of the Manufacturing Industries, 1951 — Concluded

Total employees	Total salaries and wages	Cost of fuel and electricity	Cost of materials	Net value of products	Gross value of products	No.
No.	$	$	$	$	$	
2,989	9,675,282	3,819,109	17,668,167	23,433,673	44,920,949	1
1,948	5,386,693	580,066	9,157,249	9,900,136	19,637,451	2
1,943	6,304,906	9,068,296	7,324,048	26,631,501	43,023,845	3
5,169	12,449,150	1,592,096	23,076,549	27,772,451	52,441,096	4
3,873	10,258,994	4,414,072	794,483	18,319,101	23,527,656	5
2,526	6,372,732	870,710	4,382,230	11,695,364	16,948,304	6
6,527	17,660,204	3,542,633	20,551,774	30,818,885	54,913,292	7
1,138	3,304,295	845,020	8,463,839	9,577,148	18,886,007	8
1,117	3,143,122	3,358,701	921,266	10,390,230	14,670,197	9
748	1,830,334	973,257	1,596,119	6,631,889	9,201,265	10
198	541,034	88,494	512,094	1,254,547	1,855,135	11
2,270	6,198,170	766,099	6,733,301	11,206,251	18,705,651	12
1,076	2,954,056	596,315	7,830,582	7,717,653	16,144,550	13
31,522	**86,078,972**	**30,514,868**	**109,011,701**	**195,348,829**	**334,875,398**	14
4,987	14,869,264	7,123,895	59,515,556	43,970,068	110,609,519	15
10,611	37,078,626	24,570,855	438,467,139	135,902,522	598,940,516	16
15,598	**51,947,890**	**31,694,750**	**497,982,695**	**179,872,590**	**709,550,035**	17
7,371	24,579,398	11,127,663	39,238,794	67,456,301	117,822,758	18
3,218	10,310,069	1,766,565	35,294,282	37,427,873	74,488,720	19
7,481	18,917,850	719,135	28,414,566	60,115,166	89,248,867	20
5,859	16,129,180	708,104	55,700,822	48,430,359	104,839,285	21
1,648	5,402,853	707,334	20,571,434	18,091,655	39,370,423	22
3,742	11,506,281	1,017,930	41,757,694	30,943,090	73,718,714	23
1,800	3,775,166	100,113	8,223,549	14,211,418	22,535,080	24
751	2,316,979	623,871	48,729,012	10,849,240	60,202,123	25
714	1,971,906	369,465	6,280,084	4,787,488	11,437,037	26
468	1,442,776	668,588	7,077,237	4,331,465	12,077,290	27
1,247	3,681,376	582,097	2,408,694	12,387,572	15,378,363	28
828	2,452,014	85,231	5,208,361	5,289,170	10,582,762	29
800	1,852,790	76,898	6,399,459	6,768,318	13,244,675	30
9,737	26,971,513	6,952,561	61,653,707	62,937,026	131,543,294	31
45,664	**131,310,151**	**25,505,555**	**366,957,695**	**384,026,141**	**776,489,391**	32
2,313	4,785,425	133,348	9,183,187	8,410,464	17,726,999	33
1,185	2,991,396	35,174	5,777,790	4,778,441	10,591,405	34
1,122	2,669,218	59,009	4,239,976	5,515,281	9,814,266	35
1,336	2,955,610	130,929	3,445,332	5,129,814	8,706,075	36
3,626	8,026,787	343,244	15,490,305	15,946,997	31,780,546	37
4,174	12,035,607	345,768	14,150,895	22,499,682	36,996,345	38
1,732	3,659,189	121,871	4,064,663	6,250,278	10,436,812	39
1,432	3,099,681	79,645	4,611,546	4,925,841	9,617,032	40
397	1,023,355	29,884	2,375,846	1,955,279	4,361,009	41
676	996,264	12,912	1,050,488	1,676,903	2,740,303	42
1,622	3,706,435	84,492	3,882,116	6,121,090	10,087,698	43
230	439,841	31,590	964,541	1,237,162	2,233,293	44
158	350,198	5,827	1,860,172	633,624	2,499,623	45
1,174	2,890,750	616,293	159,765	5,231,305	6,007,363	46
1,164	2,167,450	80,415	3,624,308	3,690,651	7,395,374	47
395	1,269,262	26,493	414,121	1,844,982	2,285,596	48
340	804,948	21,470	1,199,482	1,473,549	2,694,501	49
2,001	5,336,652	271,396	4,765,596	10,021,946	15,058,938	50
649	1,567,568	29,768	763,665	2,365,826	3,159,259	51
1,037	1,859,607	47,524	1,829,707	2,868,184	4,745,415	52
183	298,175	2,376	707,975	469,104	1,179,455	53
1,810	3,975,337	103,166	2,730,939	7,853,143	10,687,248	54
28,756	**66,908,755**	**2,612,594**	**87,292,415**	**120,899,546**	**210,804,555**	55
1,258,375	**3,276,280,917**	**376,713,996**	**9,074,526,353**	**6,940,946,783**	**16,392,187,132**	56

Table 12 gives the amount and value of each of the principal commodities produced by the manufacturing industries of Canada. Commodities produced in small quantities are not included but the list covers approximately 75 p.c. of total production. For a complete list of products, see Appendix II of this report.

TABLE 12. Quantities and Values of the Principal Commodities Produced by the Manufacturing Industries of Canada, 1951

	Unit of measure	Quantity	Value
			$
Foods:			
Biscuits, all kinds	lb.	222,403,645	67,525,753
Bread	"	1,045,169,780	149,481,587
Butter, factory made	"	259,188,310	163,306,022
Cheese, factory made	"	143,603,835	51,284,088
Confectionery, all kinds	—	—	65,865,363
Cream, sold in dairy factories	lb. b. fat	23,909,512	27,258,822
Feed, chopped, grain	ton	428,133	27,390,989
Fish, canned and otherwise prepared	—	—	79,745,627
Flour, wheat	bbl.	23,090,327	211,082,113
Feeds, stock and poultry	ton	1,880,551	159,883,435
Fruits and vegetables, canned	lb.	573,823,530	73,646,487
Fruits and vegetables, frozen	"	25,575,769	4,727,800
Ice cream, factory made	gal.	24,452,217	40,641,686
Jams, jellies and marmalades	lb.	90,470,835	16,283,986
Lard	"	87,307,769	19,083,429
Meats, canned incl. poultry, pastes, etc.	"	65,551,993	33,169,389
Meats, cooked	"	46,664,576	29,603,688
Meats, cured	"	224,460,409	117,796,356
Meats, sold fresh	"	993,090,687	478,646,234
Meats, sold frozen	"	73,722,573	30,528,043
Milk, sold in dairy factories	gal.	151,201,266	104,844,637
Milk, evaporated and condensed	lb.	309,981,777	40,016,748
Pickles, relishes and catsup	—	—	19,260,234
Pies, cakes and pastry	—	—	64,745,925
Powders, edible (custard, jelly, milk, etc.)	lb.	125,898,137	29,693,398
Sausage, fresh and cured	lb.	76,735,427	35,584,933
Shortening	"	121,351,222	36,036,304
Sugar, granulated (cane and beet)	"	1,113,970,012	113,680,370
Tea and coffee, roasted, blended and packed	"	115,636,031	105,229,406
Beverages:			
Aerated waters	gal.	94,803,207	77,295,550
Beer, ale, stout and porter (sales)	"	177,657,694	271,555,265
Spirits, beverage, sold outside the Distilling Industry	pr. gal.	10,801,225	84,453,985
Wine, sold	Imp. gal.	4,386,918	11,147,846
Tobacco and Tobacco Products [1]:			
Cigarettes	M.	15,816,166	261,909,840
Cigars	M.	169,408	13,896,713
Tobacco chewing, smoking and snuff	lb.	30,567,989	70,812,214
Tobacco, raw leaf, processed	"	111,551,981	62,693,707
Textile Products, except Clothing:			
Bags, cotton and jute	No.	102,407,223	33,327,941
Blankets	—	—	18,565,571
Carpets, mats and rugs	—	—	14,919,284
Cotton fabrics	—	—	158,499,274
Spun rayon fabrics and mixtures	yd.	24,254,299	23,405,158
Synthetic yarn fabrics, continuous filament and mixtures	"	90,877,619	66,704,717
Tire fabrics	lb.	31,705,148	25,836,355
Twine and cordage	—	—	33,769,867
Woollen cloth, woven and other	sq. yd.	31,125,617	73,342,095
Yarns, cotton, rayon, wool, etc. (for sale)	lb.	110,699,091	144,421,177
Clothing:			
Coats and overcoats, cloth, men's, youths' and women's	No.	3,258,255	69,963,776
Coats, fur and fur-lined	"	210,071	46,920,519
Short coats (including windbreakers, mackinaws, parkas, leather coats, etc.)	Doz.	247,204	21,396,405
Dresses, women's and misses'	No.	12,684,359	69,497,136
Footwear, leather	pair	28,494,328	111,856,748
Footwear, rubber	"	15,702,188	43,091,337
Gloves and mittens, all kinds	Doz. pr.	2,137,169	20,380,484
Hats and caps, men's and boys'	Doz.	658,583	11,463,416
Hats, women's and children's	"	455,968	13,380,773
Hosiery, all kinds	Doz. pr.	10,260,704	72,638,392
Shirts, fine, work and sport	Doz.	1,882,667	46,843,961
Sport suits, slacks and other sport clothing, n.e.s.	—	—	11,606,959
Suits, men's and youths', fine, woollen	No.	1,321,472	49,625,259
Underwear	Doz.	5,217,439	51,520,713
Wood Products:			
Boxes, wooden	—	—	13,490,637
Furniture, household, including beds and couches	—	—	94,420,398
Lumber, planed	M. ft. bd. m.	2,566,214	216,958,904
Lumber, sawn	" " " "	5,311,997	365,780,466
Pulp, wood, made for sale	s. ton	2,727,274	413,831,246
Sash, door and other mill work	—	—	60,154,474
Paper Products:			
Bags, paper	—	—	43,165,603
Boxes, paper	—	—	126,066,844
Paper newsprint, wrapping and book	—	—	677,815,457
Paper boards, all types	—	—	128,409,233

TABLE 12. Quantities and Values of the Principal Commodities Produced by the Manufacturing Industries of Canada, 1951 — Concluded

	Unit of measure	Quantity	Value
			$
Printing, Publishing and Allied Industries:			
Advertising matter, printed	—	—	34,978,343
Books and catalogues, printed	—	—	24,404,237
Circular letters, banknotes, etc., printed	—	—	25,201,534
Periodicals printed for publishers	—	—	21,737,681
Periodicals printed by publishers:			
Subscriptions and sales	—	—	58,334,894
Gross revenue from advertising	—	—	140,732,810
Sheet forms, commercial, printed	—	—	37,322,201
Iron and Steel Products:			
Bars, iron and steel	ton	587,160	73,165,972
Boilers, heating and power	—	—	18,588,095
Castings, grey iron made for sale	—	—	47,497,584
Farm implements and parts	—	—	188,183,920
Forgings, steel and other	—	—	23,795,775
Hardware, builders' and other	—	—	41,248,167
Machinery, industrial, household, office and store	—	—	482,723,179
Pipes, tubing and fittings, iron and steel	—	—	92,200,000
Rolled iron and steel forms, semi-finished, sold	ton	447,334	33,513,655
Sheets, hoops, bands, strips, etc., iron and steel	—	—	96,401,261
Steel ingots and castings, sold	n. ton	295,279	52,227,452
Steel shapes erected, bridge, etc.	—	—	69,854,008
Steel shapes, structural, made in primary mills	n. ton	223,281	21,612,870
Stoves, coal, wood, electric and gas	—	—	40,734,025
Tools, hand, all kinds	—	—	34,009,230
Wire, wire rope and cable, steel	—	—	37,682,984
Transportation Equipment:			
Aircraft, including parts and repairs	—	—	95,115,771
Automobiles, commercial	No.	132,706	212,806,695
Automobiles, passenger	"	282,714	438,613,532
Automobile parts and accessories, incl. tires	—	—	654,775,454
Buses	No.	685	10,476,480
Railway locomotives	"	267	41,893,150
Ships and ship repairs	—	—	91,852,926
Miscellaneous, including bicycles, boats, canoes, etc.	—	—	8,818,956
Non-Ferrous Metal Products:			
Jewellery	—	—	16,012,399
Kitchenware	—	—	18,032,140
Silverware	—	—	11,843,568
Smelter and refinery products	—	—	861,315,930
Electrical Apparatus and Supplies:			
Batteries, electric and parts	—	—	31,562,595
Radio sets and accessories	—	—	48,447,556
Refrigerators, household, mechanical	No.	277,911	54,547,398
Wires and cables, electric	—	—	123,768,524
Non-Metallic Mineral Products:			
Abrasives, artificial	ton	265,656	30,748,225
Coke, gas-house	"	3,931,626	59,848,832
Concrete, ready-mixed	cu. yd.	1,557,664	17,290,381
Gas, sold	M. cu. ft.	25,959,987	29,087,074
Glass, pressed and blown	—	—	36,009,205
Chemicals and Allied Products:			
Calcium and sodium compounds	—	—	46,165,361
Enamels, lacquers and varnishes	—	—	46,408,649
Explosives	lb.	155,490,062	22,005,688
Gases, compressed and liquefied	—	—	11,100,940
Medicinal and pharmaceutical preparations	—	—	82,131,000
Paints, mixed, ready for use	Imp. gal.	11,090,935	41,521,166
Plastics, primary	—	—	23,097,000
Soap	lb.	197,221,000	37,674,000
Toilet preparations	—	—	30,873,102
Miscellaneous:			
Bags, hand and hand luggage	—	—	11,381,286
Brooms and household brushes	—	—	5,063,469
Cans, metal, for food, etc.	—	—	54,965,224
Gasoline	Imp. gal.	1,845,846,568	300,360,166
Leather, shoe	—	—	39,011,541
Mattresses	—	—	16,579,619
Mops	Doz.	273,113	2,071,366
Oil, fuel	Imp. gal.	1,768,713,720	172,483,868
Pianos, organs and parts	—	—	4,506,567
Scientific and professional equipment	—	—	36,996,345
Sporting goods	—	—	11,513,559
Springs, bed and other furniture	—	—	7,554,986
Toys and games	—	—	16,485,795

1. Includes excise taxes.

Subsection 2. Manufactures Classified on the Chief Component Material Classification Basis

For the most purposes a classification of manufacturing industries based upon "chief component materials" has, in the past, proved most useful in Canadian industrial classification. For this reason the Bureau's classification based upon this concept has been the one most widely used for general purposes such as the Decennial Census, Vital Statistics, Foreign Trade, etc. Even for these purposes some modification has been deemed expedient, such as the inclusion of a group "Textile Products", composed partly of animal and partly of vegetable products.

When the industry of a country is primarily concerned with the early stages in the processing of primary materials, i.e., when its final products are chiefly such items as pig iron, lumber and processed fish, a classification based upon chief component material is wholly applicable. As manufacturing industry develops, however, turning out more and more goods for final consumption, the combination of ingredients in such output becomes more and more complex. The modern automotive, aircraft, shipbuilding, and electrical apparatus industries are examples in which a wide variety of materials must be assembled for the completion of the final product.

In recent years Canada's industrial system has undergone considerable development. Consequently in establishing the Standard Industrial Classification, the concept of "purpose" has been combined with that of "chief component material" in the framework of the classification of manufacturing industries. For the classification of consumers' goods industries the concept of "purpose" seems most applicable both in terms of common usage in referring to industries and in providing the type of data most often required. Hence, such major groups as Foods and Beverages, Clothing, Transportation Equipment, Electrical Apparatus and Supplies, have been established.

TABLE 13. Principal Statistics of the Manufacturing Industries, Classified on the Chief Component Material Classification Basis, by Main Groups, Significant Years, 1917-1951

	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
	No.	No.	$	$	$	$
1917						
Vegetable products	4,151	62,791	45,916,557	367,214,061	183,782,501	550,996,562
Animal products	5,486	46,994	35,753,133	320,302,039	124,103,990	444,406,029
Textiles and textile products	1,033	76,315	47,386,592	131,071,158	109,227,157	240,298,315
Wood and paper products	7,258	153,701	115,198,434	150,122,143	249,201,596	399,323,739
Iron and its products	1,495	161,745	161,875,426	378,193,116	371,792,489	749,985,605
Non-ferrous metal products	296	18,220	15,898,890	46,445,469	41,039,351	87,484,820
Non-metallic mineral products	1,075	20,781	18,224,724	36,994,392	58,092,396	95,086,788
Chemicals and allied products	539	56,153	51,505,484	99,068,092	131,381,995	230,450,087
Miscellaneous industries	512	9,823	6,042,604	10,268,341	12,510,505	22,778,846
Totals, 1917	**21,845**	**606,523**	**497,801,844**	**1,539,678,811**	**1,281,131,980**	**2,820,810,791**
1920						
Vegetable products	4,549	74,241	77,750,189	536,828,044	239,328,371	776,156,415
Animal products	4,823	48,687	54,291,606	400,496,354	152,995,130	553,491,484
Textiles and textile products	1,304	87,730	84,433,609	256,233,300	173,741,035	429,974,335
Wood and paper products	7,881	144,391	172,368,578	309,813,724	417,256,115	727,069,839
Iron and its products	1,789	164,087	231,595,911	377,499,134	411,875,057	789,374,191
Non-ferrous metal products	324	23,162	27,895,343	48,434,120	52,847,178	101,281,298
Non-metallic mineral products	846	25,500	32,351,764	69,856,558	80,205,472	150,062,030
Chemicals and allied products	464	17,653	22,193,421	62,644,608	65,183,212	127,827,820
Miscellaneous industries	552	13,442	14,613,455	23,465,807	27,841,778	51,307,585
Totals, 1920	**22,532**	**598,893**	**717,493,876**	**2,085,271,649**	**1,621,273,348**	**3,706,544,997**
1929						
Vegetable products	5,350	91,032	95,853,121	431,595,751	341,688,938	783,706,883
Animal products	4,490	67,670	62,081,423	345,351,882	127,929,857	477,761,855
Textiles and textile products	1,534	103,881	94,969,433	217,954,088	180,469,064	403,205,809
Wood and paper products	7,392	164,572	192,088,948	313,797,201	381,485,477	724,972,308
Iron and its products	1,224	142,772	203,740,658	405,818,468	367,465,582	790,726,338
Non-ferrous metal products	408	39,867	54,501,806	124,900,632	150,415,215	283,545,666
Non-metallic mineral products	843	29,257	38,958,390	112,573,103	99,065,847	229,774,300
Chemicals and allied products	554	16,694	22,639,449	55,184,337	78,785,911	138,545,221
Miscellaneous industries	421	10,786	12,457,989	22,495,351	28,081,046	51,207,736
Totals, 1929	**22,216**	**666,531**	**777,291,217**	**2,029,670,813**	**1,755,386,937**	**3,883,446,116**
1933						
Vegetable products	5,916	75,416	68,535,349	226,879,373	196,820,952	432,315,617
Animal products	4,496	53,111	46,453,188	179,429,948	87,629,444	271,068,210
Textiles and textile products	1,740	95,707	72,813,424	143,184,861	131,065,992	279,475,267
Wood and paper products	7,891	105,080	102,218,652	134,663,641	184,233,540	341,336,701
Iron and its products	1,334	73,348	72,296,179	98,793,191	109,198,169	216,828,992
Non-ferrous metal products	478	25,273	28,099,026	71,990,608	88,427,984	164,765,604
Non-metallic mineral products	770	16,975	19,282,401	69,077,701	52,817,078	131,325,706
Chemicals and allied products	696	15,397	18,738,629	34,271,854	55,394,284	92,820,761
Miscellaneous industries	459	8,351	7,810,976	9,497,751	14,083,738	24,138,927
Totals, 1933	**23,780**	**468,658**	**436,247,824**	**967,788,928**	**919,671,181**	**1,954,075,785**

TABLE 13. Principal Statistics of the Manufacturing Industries, Classified on the Chief Component Material Classification Basis, by Main Groups, Significant Years, 1917-1951 — Concluded

	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
	No.	No.	$	$	$	$
1939						
Vegetable products	5,872	99,447	104,248,785	356,726,153	292,129,840	659,624,014
Animal products	4,362	69,358	68,231,871	333,647,306	122,821,410	461,983,262
Textiles and textile products	1,930	121,022	107,117,035	203,618,197	181,927,898	392,657,759
Wood and paper products	8,538	144,782	165,287,455	246,292,820	303,662,441	579,892,183
Iron and its products	1,394	121,041	158,559,728	262,292,781	275,774,796	553,468,880
Non-ferrous metal products	526	44,563	59,684,858	242,063,177	155,808,806	416,060,459
Non-metallic mineral products	809	23,026	30,067,934	107,979,292	85,511,631	208,166,781
Chemicals and allied products	808	22,595	31,567,558	65,230,839	89,046,832	159,536,984
Miscellaneous industries	566	12,280	13,045,929	18,308,810	24,368,247	43,393,206
Totals, 1939	**24,805**	**658,114**	**737,811,153**	**1,836,159,375**	**1,531,051,901**	**3,474,783,528**
1944						
Vegetable products	5,941	130,679	183,943,948	763,606,750	485,551,491	1,270,518,297
Animal products	4,388	94,195	129,215,389	835,586,247	246,064,720	1,092,015,647
Textiles and textile products	2,481	153,122	195,805,681	419,988,642	351,186,488	781,771,688
Wood and paper products	10,452	189,674	284,436,559	497,656,158	550,826,986	1,093,725,822
Iron and its products	2,192	411,944	818,452,454	1,104,083,922	1,390,703,087	2,540,992,974
Non-ferrous metal products	635	104,314	182,909,292	549,317,062	399,498,519	992,345,975
Non-metallic mineral products	748	31,590	56,130,338	234,714,319	152,525,053	416,268,879
Chemicals and allied products	981	81,822	137,422,977	360,412,749	355,260,598	733,569,232
Miscellaneous industries	665	25,542	41,304,732	66,967,507	84,159,068	152,484,005
Totals, 1944	**28,483**	**1,222,882**	**2,029,621,370**	**4,832,333,356**	**4,015,776,010**	**9,073,692,519**
1949						
Vegetable products	5,903	143,032	285,536,723	1,236,409,496	754,329,727	2,020,565,833
Animal products	4,231	102,657	197,189,519	1,158,872,220	369,545,771	1,543,930,584
Textiles and textile products	3,234	186,328	342,930,642	669,108,586	606,402,697	1,290,314,474
Wood and paper products	15,866	262,835	579,896,808	1,061,229,176	1,184,539,519	2,325,304,849
Iron and its products	2,658	265,474	678,924,105	1,197,956,715	1,219,303,992	2,468,376,349
Non-ferrous metal products	897	100,614	251,869,627	749,678,627	558,467,028	1,353,329,383
Non-metallic mineral products	1,097	42,691	104,377,854	469,437,193	261,691,705	780,188,518
Chemicals and allied products	1,022	40,499	98,568,559	238,377,149	279,038,860	536,156,674
Miscellaneous industries	884	27,077	52,596,820	62,161,902	97,247,135	161,426,636
Totals, 1949	**35,792**	**1,171,207**	**2,591,890,657**	**6,843,231,064**	**5,330,566,434**	**12,479,593,300**
1950						
Vegetable products	5,801	142,895	301,287,533	1,318,098,571	834,723,002	2,185,046,049
Animal products	4,141	98,795	200,595,193	1,210,657,408	372,535,320	1,599,723,667
Textiles and textile products	3,266	188,614	362,381,291	750,631,525	639,958,673	1,407,032,148
Wood and paper products	15,991	269,565	631,185,730	1,193,849,612	1,385,084,133	2,665,764,506
Iron and its products	2,698	265,952	723,387,597	1,330,651,901	1,360,211,239	2,748,215,232
Non-ferrous metal products	918	104,942	274,869,661	866,997,815	626,675,566	1,541,330,200
Non-metallic mineral products	1,121	44,780	116,805,778	533,587,088	312,866,411	902,667,662
Chemicals and allied products	1,018	40,683	104,639,318	267,492,443	310,877,528	599,843,963
Miscellaneous industries	988	27,071	56,115,334	66,568,169	99,126,357	167,902,954
Totals, 1950	**35,942**	**1,183,297**	**2,771,267,435**	**7,538,534,532**	**5,942,058,229**	**13,817,526,381**
1951						
Vegetable products	5,862	144,762	339,272,100	1,485,063,324	926,401,068	2,445,848,786
Animal products	4,030	100,487	222,271,019	1,425,565,514	402,417,994	1,846,134,158
Textiles and textile products	3,343	190,054	389,843,607	861,474,177	681,616,663	1,559,977,021
Wood and paper products	16,817	281,204	735,283,683	1,453,475,873	1,660,280,363	3,209,391,543
Iron and its products	2,758	303,497	910,549,175	1,724,318,073	1,641,346,745	3,432,209,864
Non-ferrous metal products	909	117,740	345,482,742	1,113,974,070	760,219,708	1,929,608,127
Non-metallic mineral products	1,124	47,120	138,026,862	606,994,396	375,221,419	1,044,425,433
Chemicals and allied products	1,024	44,913	128,993,172	318,228,683	373,176,901	716,287,268
Miscellaneous industries	1,154	28,598	66,558,557	85,432,243	120,265,922	208,304,932
Totals, 1951	**37,021**	**1,258,375**	**3,276,280,917**	**9,074,526,353**	**6,940,946,783**	**16,392,187,132**

Subsection 3. Manufactures Classified by Origin of Materials

The distinction made between farm materials of Canadian and foreign origin is based on whether the materials are indigenous to Canada rather than on their actual source. Thus, the industries included in the foreign origin classes are those depending upon materials that cannot be grown in Canada, such as tea, coffee, spices, cane sugar, rice, rubber, cotton, etc. Industries included in the Canadian origin classes may, however, be using large quantities of imported materials.

The mineral origin group includes, in addition to non-ferrous metals so largely produced in Canada, the manufactures of iron and steel, of petroleum, and of other mineral substances, the raw materials for which are very largely imported. Products of mineral origin, with the exception of fuels, are nearly all durable goods. A high standard of living and advanced industrial organization is usually indicated by a relatively large production and consumption of mineral products. During periods of depression when the production of capital goods is curtailed, employment in the industries of the farm group, which produce mainly consumer goods, exceeds that of the mineral group. The industries of the mineral group in 1943, at the maximum of the war effort, had by far the greatest capital investment, employed the largest number of persons, and paid out the highest amount in salaries and wages. In 1943 the average capital per employee amounted to $5,441 for the mineral group as compared with $4,417 for the farm origin group. The mineral group also pays the highest wages. In 1951 the average salary and wage was $2,973 for the mineral group and $2,251 for the farm origin group.

TABLE 14. Principal Statistics of the Manufacturing Industries, Classified According to Origin of Material Used, by Main Groups, Significant Years 1924-51

Year and origin	Establishments	Capital	Employees	Salaries and wages	Cost of materials	Gross value of products
	No.	$	No.	$	$	$
1924						
Farm origin	8,663	772,791,471	152,488	153,213,763	716,047,892	1,099,279,665
Mineral origin	2,806	1,010,517,944	136,837	171,068,497	349,800,585	700,002,097
Forest origin	6,873	876,149,932	126,907	147,719,245	245,183,429	544,282,597
Marine origin	836	20,304,785	11,157	3,344,348	16,089,332	26,637,962
Wild life origin	226	10,837,249	2,944	3,194,213	7,506,169	13,386,266
Mixed origin	1,305	204,716,127	57,277	55,927,609	101,563,384	200,718,177
Grand totals, 1924	**20,709**	**2,895,317,508**	**487,610**	**534,467,675**	**1,436,190,791**[1]	**2,584,306,764**[1]
Farm origin group:						
From field crops	4,595	525,717,571	89,436	87,789,237	433,443,376	691,513,259
From animal husbandry	4,068	247,073,900	63,052	65,424,526	282,604,516	407,766,406
Totals, farm origin	**8,663**	**772,791,471**	**152,488**	**153,213,763**	**716,047,892**	**1,099,279,665**
Canadian origin	8,379	546,231,949	114,514	119,217,657	553,357,883	848,236,237
Foreign origin	284	226,559,522	37,974	33,996,106	162,690,009	251,043,428
1929						
Farm origin	9,041	969,384,866	181,682	188,306,755	852,606,083	1,396,769,569
Mineral origin	3,219	1,550,662,908	218,879	304,027,803	678,683,203	1,392,499,868
Forest origin	7,353	1,148,558,242	163,863	191,044,307	313,088,964	722,269,066
Marine origin	730	28,644,442	16,367	5,411,855	21,496,859	34,966,260
Wild life origin	234	14,338,686	3,767	4,783,323	12,847,817	20,861,039
Mixed origin	1,639	293,302,865	81,973	83,717,174	150,947,887	316,080,314
Grand totals, 1929	**22,216**	**4,004,892,009**	**666,531**	**777,291,217**	**2,029,670,813**	**3,883,446,116**
Farm origin group:						
From field crops	5,191	697,206,163	114,236	115,201,292	496,842,580	889,075,246
From animal husbandry	3,850	272,178,703	67,446	73,105,463	355,763,503	507,694,323
Totals, farm origin	**9,041**	**969,384,866**	**181,682**	**188,306,755**	**852,606,083**	**1,396,769,569**
Canadian origin	8,743	708,461,549	134,680	140,340,993	682,056,026	1,106,006,184
Foreign origin	298	260,923,317	47,002	47,965,762	170,550,057	290,763,385
1933						
Farm origin	9,695	844,582,058	158,602	137,711,749	454,882,704	791,956,470
Mineral origin	3,539	1,306,641,651	130,565	138,101,092	271,434,337	601,428,003
Forest origin	7,796	882,445,602	102,807	99,046,012	133,550,374	335,886,257
Marine origin	620	15,532,775	4,064	2,287,385	10,960,289	17,380,323
Wild life origin	335	10,507,157	3,498	3,481,885	7,159,079	13,000,927
Mixed origin	1,795	219,550,595	69,122	55,619,701	89,802,145	194,423,805
Grand totals, 1933	**23,780**	**3,279,259,838**	**468,658**	**436,247,824**	**967,788,928**	**1,954,075,785**
Farm origin group:						
From field crops	5,746	609,044,529	93,433	81,655,182	263,007,043	494,048,930
From animal husbandry	3,949	235,537,529	65,169	56,056,567	191,875,661	297,907,540
Totals, farm origin	**9,695**	**844,582,058**	**158,602**	**137,711,749**	**454,882,704**	**791,956,470**
Canadian origin	9,373	629,450,643	124,547	107,807,386	365,559,776	620,197,449
Foreign origin	322	215,131,415	34,055	29,904,363	89,322,928	171,759,021
1939						
Farm origin	10,203	952,929,892	220,210	217,724,965	778,250,125	1,289,993,021
Mineral origin	3,474	1,498,265,618	210,752	280,054,303	669,728,573	1,321,444,094
Forest origin	8,430	951,016,933	142,091	160,798,500	244,944,997	572,335,960
Marine origin	523	21,479,200	5,369	3,638,794	18,114,698	28,816,536
Wild life origin	384	14,723,743	4,604	5,396,623	11,592,066	19,961,526
Mixed origin	1,791	208,609,063	75,088	70,197,968	113,528,916	242,232,391
Grand totals, 1939	**24,805**	**3,647,024,449**	**658,114**	**737,811,153**	**1,836,159,375**	**3,474,783,528**
Farm origin groups:						
From field crops	6,096	649,746,486	124,708	126,311,033	410,994,461	759,964,866
From animal husbandry	4,107	303,183,406	95,502	91,413,932	367,255,664	530,028,155
Totals, farm origin	**10,203**	**952,929,892**	**220,210**	**217,724,965**	**778,250,125**	**1,289,993,021**
Canadian origin	9,382	699,345,423	171,460	168,260,771	630,779,223	1,011,294,132
Foreign origin	821	253,584,469	48,750	49,464,194	147,470,902	278,698,889

TABLE 14. Principal Statistics of the Manufacturing Industries, Classified According to Origin of Material Used, by Main Groups, Significant Years 1924-51 — Concluded

Year and origin	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
	No.	No.	$	$	$	$
1944						
Farm origin	10,329	287,756	394,716,309	1,781,014,374	870,995,104	2,688,731,415
Mineral origin	4,479	634,542	1,208,779,764	2,258,796,792	2,312,260,844	4,708,104,244
Forest origin	10,347	186,680	278,171,969	495,531,476	541,521,976	1,082,160,284
Marine origin	535	9,664	10,327,695	45,906,542	22,066,801	68,882,879
Wild life origin	535	6,190	9,430,191	28,076,572	15,728,926	43,985,177
Mixed origin	2,258	98,050	128,195,442	223,007,600	253,202,359	481,828,520
Grand totals, 1944	**28,483**	**1,222,882**	**2,029,621,370**	**4,832,333,356**	**4,015,776,010**	**9,073,692,519**
Farm origin group:						
From field crops	6,307	164,514	226,751,705	888,435,918	563,349,320	1,477,008,962
From animal husbandry	4,022	123,242	167,964,604	892,578,456	307,645,784	1,211,722,453
Totals, farm origin	**10,329**	**287,756**	**394,716,309**	**1,781,014,374**	**870,995,104**	**2,688,731,415**
Canadian origin	9,493	225,077	303,293,749	1,507,501,822	668,958,344	2,202,655,904
Foreign origin	836	62,679	91,422,560	273,512,552	202,036,760	486,075,511
1949						
Farm origin	10,023	312,573	608,297,050	2,664,102,189	1,327,990,992	4,042,745,891
Mineral origin	5,936	453,960	1,147,317,944	2,652,631,878	2,315,722,610	5,133,084,333
Forest origin	15,467	255,671	562,316,999	1,051,100,174	1,158,202,397	2,288,386,108
Marine origin	599	11,856	16,969,825	69,090,041	41,140,022	111,961,148
Wild life origin	663	8,370	18,008,212	38,475,825	28,844,758	67,646,428
Mixed origin	3,104	128,777	238,980,627	367,830,957	458,665,655	835,769,392
Grand totals, 1949	**35,792**	**1,171,207**	**2,591,890,657**	**6,843,231,064**	**5,330,566,434**	**12,479,593,300**
Farm origin group:						
From field crops	6,165	175,715	348,944,897	1,414,938,794	863,950,508	2,313,027,879
From animal husbandry	3,858	136,858	259,352,153	1,249,163,395	464,040,484	1,729,718,012
Totals, farm origin	**10,023**	**312,573**	**608,297,050**	**2,664,102,189**	**1,327,990,992**	**4,042,745,891**
Canadian origin	9,204	247,762	473,274,682	2,289,435,804	1,041,245,310	3,369,356,461
Foreign origin	819	64,811	135,022,368	374,666,385	286,745,682	673,389,430
1950						
Farm origin	9,865	309,756	635,302,432	2,844,735,133	1,426,866,631	4,326,551,169
Mineral origin	6,038	460,749	1,234,389,646	2,994,681,340	2,602,196,220	5,780,180,750
Forest origin	15,580	262,524	612,465,194	1,182,568,408	1,356,295,347	2,625,214,447
Marine origin	591	11,842	18,722,240	79,959,218	46,691,639	128,423,853
Wild life origin	631	7,962	18,017,198	39,603,500	28,487,711	68,444,871
Mixed origin	3,237	130,464	252,370,725	396,986,933	481,520,681	888,711,291
Grand totals, 1950	**35,942**	**1,183,297**	**2,771,267,435**	**7,538,534,532**	**5,942,058,229**	**13,817,526,381**
Farm origin group:						
From field crops	6,067	177,449	371,490,647	1,537,016,230	960,378,598	2,534,609,064
From animal husbandry	3,798	132,307	263,811,785	1,307,718,903	466,488,033	1,791,942,105
Totals, farm origin	**9,865**	**309,756**	**635,302,432**	**2,844,735,133**	**1,426,866,631**	**4,326,551,169**
Canadian origin	9,025	241,737	485,659,591	2,381,302,252	1,083,252,802	3,505,792,122
Foreign origin	840	68,019	149,642,841	463,432,881	343,613,829	820,759,047
1951						
Farm origin	9,816	312,239	702,709,511	3,281,635,418	1,553,106,072	4,892,471,242
Mineral origin	6,109	517,079	1,537,131,218	3,757,080,165	3,137,209,177	7,104,016,198
Forest origin	16,417	274,584	716,106,975	1,441,823,451	1,631,955,643	3,168,940,064
Marine origin	633	14,911	24,744,189	101,621,086	58,665,035	163,010,208
Wild life origin	632	7,389	17,551,829	39,177,043	26,991,961	66,512,307
Mixed origin	3,414	132,173	278,037,195	453,189,190	533,018,895	997,237,113
Grand Totals, 1951	**37,021**	**1,258,375**	**3,276,280,917**	**9,074,526,353**	**6,940,946,783**	**16,392,187,132**
Farm origin group:						
Farm field crops	6,142	180,788	416,421,285	1,739,956,828	1,060,429,903	2,839,625,828
From animal husbandry	3,674	131,451	286,288,226	1,541,678,590	492,676,169	2,052,845,414
Totals, farm origin	**9,816**	**312,239**	**702,709,511**	**3,281,635,418**	**1,553,106,072**	**4,892,471,242**
Canadian origin	8,947	242,208	534,880,813	2,739,054,575	1,174,031,701	3,957,392,807
Foreign origin	869	70,031	167,828,698	542,580,843	379,074,371	935,078,435

1. For the year 1924 the figures for "Cost of Materials" and "Gross Value of Products" include the value placed on intermediate products used in further processes in the chemical group of industries. For this reason these figures differ slightly from those contained in the other tables of this report.

Subsection 4. Manufactures Classified by Type of Ownership

This subsection deals with the type of ownership under which Canadian manufacturers operate. The first survey in 1946 did not include the fish-curing and packing industry, information for which was not available at that time. For this reason the figures for 1946 are not strictly comparable with those for succeeding years, although the inclusion of that industry has not materially altered the percentage distribution of individual ownership, incorporated companies, etc.

Of the 37,021 establishments operating in 1951, 1,354 establishments in the periodical publishing industry were unclassifiable, leaving 35,667 establishments in the four categories of ownership. Individual ownership numbered 15,925 establishments, partnerships 5,531, incorporated companies 13,166 and co-operatives 1,045. The percentage distribution of the four categories of ownership are given below for the years 1946 to 1951.

Year	Individual ownership	Partnerships	Incorporated companies	Co-operatives
1946 (estimated)	47.3	16.0	33.4	3.3
1947	46.4	16.1	34.3	3.2
1948	46.2	16.4	34.4	3.0
1949	46.0	15.8	35.3	2.9
1950	45.6	15.0	36.3	3.1
1951	44.6	15.5	36.9	3.0

As is to be expected, the smaller establishments, regardless of the type of products manufactured, are carried on under individual ownership. In that category industries conducted on a small scale contain a large number of establishments, the percentage decreasing as the scale of operations increases, as the following statement shows.

No.	Group	Average number of employees per establishment	Percentage of individual ownership establishments to total
1	Wood products	11.0	61.3
2	Printing, publishing and allied trades	16.1	46.5
3	Foods and beverages	20.6	47.9
4	Miscellaneous manufacturing industries	24.5	33.2
5	Non-metallic mineral products	30.3	33.2
6	Clothing (textile and fur)	37.5	27.6
7	Chemicals and allied products	44.0	15.8
8	Leather products	44.4	31.2
9	Iron and steel products	75.3	25.6
10	Textile products (except clothing)	91.6	27.6
11	Non-ferrous metal products	93.5	28.4
12	Paper products	151.5	10.1
13	Tobacco and tobacco products	158.5	40.3
14	Electrical apparatus and supplies	181.3	12.3
15	Products of petroleum and coal	190.2	2.4
16	Transportation equipment	204.5	32.4
17	Rubber products	344.1	9.0
	All groups	**34.0**	**6.1**

It is therefore found, according to the above, that in the wood products group 61 p.c. of the establishments were under individual ownership. The foods and beverages group had 48 p.c. of its establishments in this classification, followed by printing, publishing and allied industries with 47 p.c., tobacco products 40 p.c., miscellaneous industries 33 p.c., non-metallic mineral products 33 p.c., transportation equipment 32 p.c., leather products 31 p.c., non-ferrous metal products 28 p.c., clothing (textile and fur) 28 p.c., textile products (except clothing) 28 p.c., iron and steel products 26 p.c. etc.

The establishments operating under individual ownership are not as important from the point of view of employment provided as their large numbers would indicate. According to tables 15 and 16, these establishments which comprise 45 p.c. of the total had only 6 p.c. of the total employees. Partnerships accounted for 16 p.c. of the number of establishments and 4 p.c. of the total employees. Incorporated companies with 37 p.c. of the number of establishments had 89 p.c. of the employees. Co-operatives with 3 p.c. of the number had 1 p.c. of the employees.

On the basis of employment provided, incorporated companies are by a very wide margin the most important factor in the employment field. In the rubber products, paper products, transportation equipment, electrical apparatus and supplies and petroleum and coal products groups 99 p.c. of the employees were reported by such companies. Companies in the chemicals and allied products group had 98 p.c., tobacco products, textile products (except clothing), iron and steel products, non-ferrous metal products groups had 96 p.c., non-metallic mineral products 90 p.c., leather products, miscellaneous industries groups had 87 p.c., printing, publishing and allied industries 85, clothing (textile and fur) 82, foods and beverages 81, p.c. Companies in the wood products group with 69 reported the lowest percentage of the total employment.

TABLE 15. Percentage Distribution of Establishments in the Manufacturing Industries, Classified by Type of Ownership, by Provinces and Industrial Groups, 1951[1]

Province or group	Individual ownership	Partnerships	Incorporated companies	Co-operatives	Total
	p.c.	p.c.	p.c.	p.c.	p.c.
Province					
Newfoundland	49.5	34.0	16.3	0.2	100.0
Prince Edward Island	47.2	19.6	26.0	7.2	100.0
Nova Scotia	51.5	16.5	29.8	2.2	100.0
New Brunswick	53.7	12.0	31.0	3.3	100.0
Quebec	49.9	11.3	34.5	4.3	100.0
Ontario	39.1	16.1	42.5	2.3	100.0
Manitoba	40.3	15.8	42.0	1.9	100.0
Saskatchewan	57.5	15.8	21.2	5.5	100.0
Alberta	52.2	20.4	24.4	3.0	100.0
British Columbia	34.7	20.1	43.9	1.3	100.0
Yukon and Northwest Territories	61.1	11.1	27.8	—	100.0
Canada	**44.6**	**15.5**	**36.9**	**3.0**	**100.0**
Industrial group					
Foods and beverages	47.9	11.4	28.9	11.8	100.0
Tobacco and tobacco products	40.3	3.2	51.6	4.9	100.0
Rubber products	9.0	9.0	82.0	—	100.0
Leather products	31.2	12.8	56.0	—	100.0
Textile products (except clothing)	27.6	13.5	58.7	0.2	100.0
Clothing (textile and fur)	27.6	19.2	53.2	—	100.0
Wood products	61.3	19.7	18.7	0.3	100.0
Paper products	10.1	4.2	85.7	—	100.0
Printing, publishing and allied industries	46.5	16.2	36.9	0.4	100.0
Iron and steel products	25.6	14.7	59.7	—	100.0
Transportation equipment	32.4	14.0	53.6	—	100.0
Non-ferrous metal products	28.4	13.2	58.4	—	100.0
Electrical apparatus and supplies	12.3	7.0	80.7	—	100.0
Non-metallic mineral products	33.2	17.2	49.6	—	100.0
Products of petroleum and coal	2.4	1.2	94.0	2.4	100.0
Chemicals and allied products	15.8	5.7	78.1	0.4	100.0
Miscellaneous manufacturing industries	33.2	14.7	51.8	0.3	100.0

1. Four main categories of ownership only; the non-classifiable group is not included.

TABLE 16. Percentage Distribution of Employment in the Manufacturing Industries, Classified by Type of Ownership, by Provinces and Industrial Groups, 1951[1]

Province or group	Individual ownership	Partnerships	Incorporated companies	Co-operatives	Total
	p.c.	p.c.	p.c.	p.c.	p.c.
Province					
Newfoundland	8.8	7.3	83.9	—	100.0
Prince Edward Island	20.5	13.1	61.4	5.0	100.0
Nova Scotia	10.8	4.3	83.6	1.3	100.0
New Brunswick	10.4	3.6	84.3	1.7	100.0
Quebec	7.6	3.6	88.0	0.8	100.0
Ontario	4.1	3.1	92.4	0.4	100.0
Manitoba	5.7	4.3	88.7	1.3	100.0
Saskatchewan	13.3	6.3	69.7	10.7	100.0
Alberta	13.5	8.1	75.8	2.6	100.0
British Columbia	5.9	5.0	87.0	2.1	100.0
Yukon and Northwest Territories	25.7	6.6	67.7	—	100.0
Canada	**6.1**	**3.7**	**89.3**	**0.9**	**100.0**
Industrial group					
Foods and beverages	10.5	4.0	80.5	5.0	100.0
Tobacco and tobacco products	1.3	0.4	95.6	2.7	100.0
Rubber products	0.2	0.4	99.4	—	100.0
Leather products	7.2	5.6	87.2	—	100.0
Textile products (except clothing)	2.5	1.8	95.7	—	100.0
Clothing (textile and fur)	8.8	9.5	81.7	—	100.0
Wood products	20.4	10.3	69.0	0.3	100.0
Paper products	0.6	0.3	99.1	—	100.0
Printing, publishing and allied industries	9.2	5.1	84.5	1.2	100.0
Iron and steel products	2.3	2.0	95.7	—	100.0
Transportation equipment	0.7	0.5	98.8	—	100.0
Non-ferrous metal products	2.2	1.4	96.4	—	100.0
Electrical apparatus and supplies	0.6	0.6	98.8	—	100.0
Non-metallic mineral products	5.5	4.1	90.4	—	100.0
Products of petroleum and coal	—	—	98.9	1.1	100.0
Chemicals and allied products	1.1	0.5	98.0	0.4	100.0
Miscellaneous manufacturing industries	8.1	4.8	86.8	0.3	100.0

1. Four main categories of ownership only; the non-classifiable group is not included.

TABLE 17. Percentage Distribution of Employment in the Forty Leading Industries, by Type of Ownership, 1951

No.	Industry	Individual ownership	Partnerships	Incorporated companies	Co-operatives	Total
		p.c.	p.c.	p.c.	p.c.	p.c.
1	Pulp and paper	—	—	100.0	—	100.0
2	Slaughtering and meatpacking	2.0	1.5	93.6	2.9	100.0
3	Non-ferrous metal smelting and refining	—	—	100.0	—	100.0
4	Motor vehicles	—	—	100.0	—	100.0
5	Petroleum products	—	—	98.5	1.5	100.0
6	Sawmills	29.8	13.3	56.5	0.4	100.0
7	Primary iron and steel	—	—	100.0	—	100.0
8	Butter and cheese	11.8	3.9	62.1	22.2	100.0
9	Rubber goods	0.2	0.4	99.4	—	100.0
10	Railway rolling stock	—	—	100.0	—	100.0
11	Flour mills	1.2	3.4	93.6	1.8	100.0
12	Cotton yarn and cloth	—	—	100.0	—	100.0
13	Motor vehicle parts	1.4	0.9	97.7	—	100.0
14	Foods, miscellaneous	4.7	2.8	92.5	—	100.0
15	Bread and other bakery products	27.2	7.5	64.9	0.4	100.0
16	Clothing, men's factory	5.9	8.9	85.2	—	100.0
17	Machinery, heavy electrical	0.1	—	99.9	—	100.0
18	Electrical apparatus and supplies, miscellaneous	0.4	0.7	98.9	—	100.0
19	Machinery, industrial	1.8	1.4	96.8	—	100.0
20	Fruit and vegetable preparations	4.6	3.3	88.7	3.4	100.0
21	Clothing, women's factory	8.4	9.9	81.7	—	100.0
22	Sheet metal products	2.8	2.3	94.9	—	100.0
23	Printing and publishing	6.2	2.8	89.8	1.2	100.0
24	Furniture	11.6	9.4	79.0	—	100.0
25	Brass and copper products	2.2	1.6	96.2	—	100.0
26	Sash, door and planing mills	18.0	8.6	73.1	0.3	100.0
27	Feeds, stock and poultry, prepared	16.4	7.6	58.4	17.6	100.0
28	Boxes and bags, paper	1.6	0.8	97.6	—	100.0
29	Agricultural implements	0.5	0.9	97.6	1.0	100.0
30	Synthetic textiles and silk	0.3	0.2	99.5	—	100.0
31	Castings, iron	2.9	2.9	94.2	—	100.0
32	Fish processing	9.4	2.8	79.9	7.9	100.0
33	Breweries	—	0.4	99.6	—	100.0
34	Printing and bookbinding	14.8	8.2	75.3	1.7	100.0
35	Sugar refining	—	—	100.0	—	100.0
36	Miscellaneous paper goods	2.4	1.0	96.6	—	100.0
37	Miscellaneous chemical products	1.5	0.5	98.0	—	100.0
38	Footwear, leather	6.5	4.0	89.5	—	100.0
39	Acids, alkalies and salts	—	—	100.0	—	100.0
40	Aircraft and parts	—	—	100.0	—	100.0

TABLE 18. Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Type of Ownership, 1951

Provinces and Groups	Establishments	Employees	Salaries and wages*	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Canada:						
Individual ownership	15,925	76,564	124,348,027	10,186,908	313,607,220	541,863,157
Partnerships	5,531	46,284	85,533,421	5,086,712	197,493,320	354,126,339
Incorporated companies	13,166	1,120,195	3,036,870,663	358,483,872	8,367,211,957	15,236,214,736
Co-operatives	1,045	10,714	21,479,309	2,956,504	176,985,538	222,100,047
Not classifiable[1]	1,354	4,618	8,049,497	—	19,228,318	37,882,853
Totals	**37,021**	**1,258,375**	**3,276,280,917**	**376,713,996**	**9,074,526,353**	**16,392,187,132**
Newfoundland:						
Individual ownership	404	844	855,593	92,796	1,445,958	3,037,450
Partnerships	278	704	631,758	71,109	968,670	2,424,885
Incorporated companies	133	8,067	21,189,349	3,671,222	40,677,390	95,146,124
Co-operatives	2					
Not classifiable[1]	5	7	4,546	—	25,281	34,154
Totals	**822**	**9,622**	**22,681,246**	**3,835,127**	**43,117,299**	**100,642,613**
Prince Edward Island:						
Individual ownership	111	355	343,297	52,220	1,567,861	2,284,562
Partnerships	46	228	264,048	32,228	1,113,813	1,640,999
Incorporated companies	61	1,065	1,767,833	202,157	13,430,118	17,281,512
Co-operatives	17	87	84,375	12,289	1,065,956	1,316,366
Not classifiable[1]	2					
Totals	**237**	**1,735**	**2,459,553**	**298,894**	**17,177,748**	**22,523,439**

1. Consists of the industry "Publishing (only) of Periodicals".

TABLE 18. Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Type of Ownership, 1951 — Concluded

Provinces and Groups	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Nova Scotia:						
Individual ownership	735	3,285	4,157,921	360,845	14,949,390	23,606,425
Partnerships	235	1,318	1,632,341	146,076	5,504,373	8,584,734
Incorporated companies	425	25,464	57,654,666	11,448,394	149,164,719	267,891,662
Co-operatives	32	391	488,548	61,953	2,335,534	3,299,073
Not classifiable[1]	47	54	42,278	—	161,320	237,340
Totals	**1,474**	**30,512**	**63,975,754**	**12,017,268**	**172,115,336**	**303,619,234**
New Brunswick:						
Individual ownership	572	2,535	3,205,636	331,973	8,990,637	15,590,919
Partnerships	128	882	1,262,309	90,035	3,407,552	5,833,429
Incorporated companies	331	20,644	48,528,798	9,711,537	157,317,369	277,721,627
Co-operatives	35	420	528,886	86,140	6,526,142	7,826,045
Not classifiable[1]	18	24	21,253	—	117,164	201,484
Totals	**1,084**	**24,505**	**53,546,882**	**10,219,685**	**176,358,864**	**307,173,504**
Quebec:						
Individual ownership	5,725	31,389	48,775,190	3,748,770	132,429,762	221,441,553
Partnerships	1,292	15,137	27,095,981	1,298,831	61,101,310	111,099,109
Incorporated companies	3,959	365,441	920,591,118	129,722,614	2,427,929,861	4,485,915,311
Co-operatives	490	3,179	4,736,443	814,807	65,971,262	77,551,395
Not classifiable[1]	395	2,036	4,402,948	—	9,206,451	20,150,051
Totals	**11,861**	**417,182**	**1,005,601,680**	**135,585,022**	**2,696,638,646**	**4,916,157,419**
Ontario:						
Individual ownership	4,902	24,836	45,022,855	3,681,205	111,453,069	192,771,328
Partnerships	2,013	18,576	37,727,138	2,127,070	87,883,947	153,996,359
Incorporated companies	5,328	552,124	1,579,326,150	164,487,508	4,092,960,386	7,671,877,265
Co-operatives	281	2,249	4,788,425	641,002	35,323,228	44,415,384
Not classifiable[1]	501	1,648	2,522,414	—	6,773,737	11,670,881
Totals	**13,025**	**599,433**	**1,669,386,982**	**170,936,785**	**4,334,394,367**	**8,074,731,217**
Manitoba:						
Individual ownership	563	2,374	3,888,059	331,181	10,862,310	17,824,086
Partnerships	221	1,775	3,077,015	167,579	7,293,600	12,887,809
Incorporated companies	587	36,600	91,662,453	8,684,235	323,459,029	509,309,164
Co-operatives	26	533	1,224,233	110,772	6,578,603	9,560,043
Not classifiable[1]	115	177	319,206	—	1,010,070	1,764,944
Totals	**1,512**	**41,459**	**100,170,966**	**9,293,767**	**349,203,612**	**551,346,046**
Saskatchewan:						
Individual ownership	538	1,463	2,105,324	233,312	3,954,852	7,987,377
Partnerships	148	696	1,105,180	124,104	2,430,618	4,538,284
Incorporated companies	198	7,650	20,175,765	3,746,313	155,224,962	208,454,565
Co-operatives	51	1,168	2,853,197	469,236	23,318,324	29,526,545
Not classifiable[1]	38	46	50,828	—	222,699	306,255
Totals	**973**	**11,023**	**26,290,294**	**4,572,965**	**185,151,455**	**250,813,026**
Alberta:						
Individual ownership	1,065	3,910	6,063,444	547,669	12,982,360	24,322,226
Partnerships	415	2,351	3,976,261	348,517	13,018,424	20,958,251
Incorporated companies	497	21,962	57,235,696	6,108,071	267,149,423	392,705,234
Co-operatives	61	755	1,731,072	196,935	15,788,243	19,526,038
Not classifiable[1]	80	127	129,114	—	492,168	769,635
Totals	**2,118**	**29,105**	**69,135,587**	**7,201,192**	**309,430,618**	**458,281,384**
British Columbia:						
Individual ownership	1,299	5,534	9,846,790	794,037	14,867,051	32,726,069
Partnerships	753	4,607	8,749,953	679,461	14,745,908	32,100,401
Incorporated companies	1,642	81,077	238,429,860	20,554,561	738,931,384	1,308,230,080
Co-operatives	50	1,931	5,042,845	563,300	20,080,831	29,081,080
Not classifiable[1]	153	498	556,835	—	1,215,243	2,742,711
Totals	**3,897**	**93,647**	**262,626,283**	**22,591,359**	**789,840,417**	**1,404,880,341**
Yukon and Northwest Territories:						
Individual ownership	11	39	83,918	12,900	103,970	271,162
Partnerships	2	113	321,772	149,032	994,021	1,747,747
Incorporated companies	5					
Totals	**18**	**152**	**405,690**	**161,932**	**1,097,991**	**2,018,909**

1. Consists of the industry "Publishing (only) of Periodicals".

TABLE 19. Principal Statistics of the Manufacturing Industries of Canada Classified by Industrial Groups, and by Type of Ownership, 1951

Provinces and groups	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
1. Foods and Beverages:						
Individual ownership	4,018	18,044	27,633,774	4,946,741	142,233,289	196,876,048
Partnerships	957	6,904	11,890,830	1,797,690	68,233,926	92,918,138
Incorporated companies	2,425	138,846	336,650,744	36,217,724	2,044,470,503	2,959,578,637
Co-operatives	988	8,699	16,684,087	2,620,678	164,269,080	200,657,692
Totals	**8,388**	**172,493**	**392,859,435**	**45,582,833**	**2,419,206,798**	**3,450,030,515**
2. Tobacco and Tobacco Products:						
Individual ownership	25	169	221,796	8,261	317,648	591,993
Partnerships	2					
Incorporated companies	32	9,394	23,882,720	529,420	117,458,902	176,141,888
Co-operatives	3	263	333,702	16,034	1,813,503	2,443,212
Totals	**62**	**9,826**	**24,438,218**	**553,715**	**119,590,053**	**179,177,093**
3. Rubber Products:						
Individual ownership	6	47	64,306	3,933	45,378	140,050
Partnerships	6	96	176,982	11,771	112,226	404,958
Incorporated companies	55	22,911	64,116,408	3,526,155	146,794,046	311,133,481
Totals	**67**	**23,054**	**64,357,696**	**3,541,859**	**146,951,650**	**311,678,489**
4. Leather Products:						
Individual ownership	222	2,272	3,734,030	82,382	6,580,619	12,316,039
Partnerships	91	1,771	2,857,714	62,984	5,902,863	10,340,392
Incorporated companies	398	27,535	53,077,020	1,738,270	122,630,628	199,226,363
Totals	**711**	**31,578**	**59,668,764**	**1,883,636**	**135,114,110**	**221,882,794**
5. Textile Products (Except Clothing):						
Individual ownership	246	2,039	3,358,908	177,963	9,494,126	15,473,849
Partnerships	120	1,473	2,669,170	100,346	8,816,780	13,765,242
Incorporated companies	524	78,198	179,002,411	12,958,445	476,993,196	817,238,212
Co-operatives	2					
Totals	**892**	**81,710**	**185,030,489**	**13,236,754**	**495,304,102**	**846,477,303**
6. Clothing (Textile and Fur):						
Individual ownership	852	10,139	17,201,810	278,995	33,824,278	63,716,188
Partnerships	591	10,956	21,373,904	290,039	42,211,617	80,065,222
Incorporated companies	1,640	94,638	183,789,233	3,423,696	329,311,223	636,230,615
Totals	**3,083**	**115,733**	**222,364,947**	**3,992,730**	**405,347,118**	**780,012,025**
7. Wood Products:						
Individual ownership	7,344	26,816	38,745,405	2,924,196	88,883,229	164,764,560
Partnerships	2,359	13,494	21,729,324	1,474,097	46,191,102	88,112,255
Incorporated companies	2,241	90,573	221,776,524	8,817,535	473,842,001	896,882,715
Co-operatives	31	395	810,821	52,990	1,891,245	3,617,242
Totals	**11,975**	**131,278**	**283,062,074**	**13,268,818**	**610,807,577**	**1,153,376,772**
8. Paper-Products:						
Individual ownership	55	452	898,843	31,979	1,593,023	3,240,747
Partnerships	23	261	594,417	32,531	1,120,249	2,120,377
Incorporated companies	469	82,176	275,027,746	78,364,037	680,775,381	1,584,481,038
Totals	**547**	**82,889**	**276,521,006**	**78,428,547**	**683,488,653**	**1,589,842,162**
9. Printing, Publishing and Allied Industries:						
Individual ownership	1,240	5,525	10,565,468	437,810	7,051,547	23,897,648
Partnerships	431	3,031	6,314,843	187,680	4,469,307	14,365,331
Incorporated companies	983	50,777	143,830,932	3,064,214	120,797,425	371,814,114
Co-operatives	11	743	2,067,990	56,830	1,206,815	4,182,569
Not classifiable[1]	1,354	4,618	8,049,497	—	19,228,318	37,882,853
Totals	**4,019**	**64,694**	**170,828,730**	**3,746,534**	**152,753,412**	**452,142,515**
10. Iron and Steel Products:						
Individual ownership	624	4,153	8,795,323	474,709	7,999,188	22,472,731
Partnerships	358	3,688	8,399,011	367,015	8,110,470	22,922,853
Incorporated companies	1,452	175,482	530,120,281	51,908,096	844,455,852	1,859,254,546
Co-operatives	1					
Totals	**2,435**	**183,323**	**547,314,615**	**52,749,820**	**860,565,510**	**1,904,650,130**
11. Transportation Equipment:						
Individual ownership	194	835	1,527,536	76,689	1,574,629	4,084,418
Partnerships	84	601	1,320,392	51,289	1,305,393	3,389,683
Incorporated companies	321	121,081	365,258,505	13,858,656	867,298,772	1,534,115,727
Totals	**599**	**122,517**	**368,106,433**	**13,986,634**	**870,178,794**	**1,541,589,828**

1. Consists of the industry "Publishing (only) of Periodicals".

TABLE 19. Principal Statistics of the Manufacturing Industries of Canada Classified by Industrial Groups, and by Type of Ownership, 1951 — Concluded

Provinces and groups	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
12. Non-ferrous Metal Products:						
Individual ownership	152	1,079	2,153,227	98,534	2,458,718	6,089,160
Partnerships	71	714	1,511,535	58,350	1,932,441	4,337,489
Incorporated companies	313	48,321	147,068,942	49,412,685	793,021,604	1,243,172,519
Totals	**536**	**50,114**	**150,733,704**	**49,569,569**	**797,412,763**	**1,253,599,168**
13. Electrical Apparatus and Supplies:						
Individual ownership	46	436	814,568	24,135	1,136,066	2,619,774
Partnerships	26	370	771,344	24,571	1,399,966	2,743,433
Incorporated companies	301	66,820	193,163,126	5,796,074	314,025,275	670,645,752
Totals	**373**	**67,626**	**194,749,038**	**5,844,780**	**316,561,307**	**676,008,959**
14. Non-metallic Mineral Products:						
Individual ownership	346	1,743	3,318,677	379,301	3,292,048	9,299,754
Partnerships	179	1,273	2,665,268	485,274	2,696,901	7,931,705
Incorporated companies	517	28,506	80,095,027	29,650,293	103,022,752	317,643,939
Totals	**1,042**	**31,522**	**86,078,972**	**30,514,868**	**109,011,701**	**334,875,398**
15. Products of Petroleum and Coal:						
Individual ownership	2	8	16,722	890	39,560	73,789
Partnerships	1					
Incorporated companies	77	15,590	51,931,168	31,693,860	497,943,135	709,476,246
Co-operatives	2					
Totals	**82**	**15,598**	**51,947,890**	**31,694,750**	**497,982,695**	**709,550,035**
16. Chemicals and Allied Products:						
Individual ownership	164	524	972,218	64,489	1,635,199	3,632,836
Partnerships	59	218	427,413	27,413	901,587	1,871,071
Incorporated companies	810	44,750	129,421,325	25,364,907	362,080,223	767,824,944
Co-operatives	4	172	489,195	48,746	2,340,686	3,160,540
Totals	**1,037**	**45,664**	**131,310,151**	**25,505,555**	**366,957,695**	**776,489,391**
17. Miscellaneous Manufacturing Industries:						
Individual ownership	389	2,323	4,409,267	177,251	5,545,579	12,771,576
Partnerships	173	1,394	2,747,423	114,312	3,991,588	8,640,187
Incorporated companies	608	24,959	59,644,979	2,319,731	77,690,535	189,090,988
Co-operatives	3	80	107,086	1,300	64,713	301,804
Totals	**1,173**	**28,756**	**66,908,755**	**2,612,594**	**87,292,415**	**210,804,555**

1. Consists of the industry "Publishing (only) of Periodicals".

Subsection 5. Leading Manufacturing Industries

In the following statement, the rank of the ten leading industries in 1951, from the standpoint of gross value of production, is compared with their respective ranks in significant years since 1922.

Industry	Rank in						
	1951	1949	1944	1939	1933	1929	1922
Pulp and paper	1	1	5	2	1	1	2
Slaughtering and meat packing	2	2	1	3	3	2	3
Non-ferrous metal smelting and refining	3	3	2	1	2	9	1
Motor vehicles	4	4	7	5	11	4	6
Petroleum products	5	5	14	6	6	10	9
Sawmills	6	6	11	8	14	5	4
Primary iron and steel	7	8	13	11	31	16	20
Butter and cheese	8	7	10	4	5	6	5
Rubber goods, including footwear	9	15	15	14	4	11	21
Railway rolling-stock	10	9	16	16	23	7	24

1. Did not rank among the forty leading industries in 1922.

A prominent feature of Canadian manufacturing development during the past 25 years has been the rapid growth of non-ferrous metal smelting. This industry, based upon the rich base-metal resources of the country, has taken its place among the leading manufactures along with the industries based upon forest, agricultural and live-stock resources.

The incidence of the depression resulted in a rearrangement in the ranking of many industries which in some cases has proved to be temporary. During the War, the industries engaged in producing the equipment needed by the Armed Forces, such as shipbuilding, aircraft, automobiles, miscellaneous chemical products, and primary iron and steel, advanced to higher positions. When the War ended, the industries engaged in the production of consumer goods, by reason of the expanded demand for their products, bettered their positions. Pulp and paper, after a lapse for a number of years, resumed its premier position.

With only two exceptions, the same industries which were in the lead in 1950 retained their rank amongst the first ten industries. The cotton yarn and cloth industry which was in ninth place in 1950 was replaced by the rubber goods industry, while railway rolling-stock rose to tenth place from sixteenth place in the previous year. In 1951 flour mills ranked eleventh and cotton yarn and cloth twelvth.

TABLE 20. Principal Statistics of the Forty Leading Industries of Canada, Ranked According to Gross Value of Products, 1950

No.	Industry	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
		No.	No.	$	$	$	$
1	Pulp and paper	123	52,343	169,246,531	373,882,762	511,142,983	954,137,651
2	Slaughtering and meatpacking	157	20,522	54,532,037	645,353,830	107,701,364	757,043,355
3	Motor vehicles	19	29,355	94,414,819	388,496,630	284,785,098	675,867,467
4	Non-ferrous metal smelting and refining	17	19,863	58,748,362	428,697,787	202,711,781	669,882,806
5	Petroleum products	46	10,056	30,557,596	384,356,381	107,371,118	511,516,392
6	Sawmills	7,551	58,722	111,492,079	252,321,608	239,225,162	496,948,398
7	Primary iron and steel	55	29,051	85,411,927	159,282,919	154,542,373	340,540,042
8	Butter and cheese	1,806	21,022	41,951,621	250,017,648	74,353,823	330,709,143
9	Cotton yarn and cloth	51	26,967	55,220,043	157,835,813	95,309,562	257,383,892
10	Flour mills [1]	118	4,903	11,917,625	213,755,757	31,836,800	247,107,775
11	Rubber goods	61	21,812	54,262,864	101,773,382	134,061,761	239,184,510
12	Clothing, men's, factory	566	32,853	59,301,388	122,603,415	103,346,165	226,659,057
13	Motor vehicle parts	151	19,719	56,092,273	122,088,705	101,516,705	226,539,375
14	Bread and other bakery products	2,608	31,149	60,073,998	109,213,199	98,412,581	214,586,981
15	Clothing, women's, factory [1]	914	28,981	55,864,122	102,712,875	91,419,056	194,636,469
16	Railway rolling stock	38	29,257	73,356,659	110,373,110	79,756,161	194,286,237
17	Machinery, heavy electrical [1]	49	20,825	57,380,065	73,966,855	112,101,686	187,758,282
18	Printing and publishing	787	26,743	68,951,989	50,628,704	129,018,312	181,361,391
19	Foods, miscellaneous n.e.s.	299	7,129	14,198,293	132,139,535	46,505,787	179,607,764
20	Furniture	1,207	27,259	57,111,744	79,803,630	90,624,200	172,331,144
21	Sheet metal products	283	17,049	42,630,287	92,352,260	77,559,028	171,946,702
22	Miscellaneous electric apparatus and supplies, n.e.s. [1]	145	19,246	49,507,238	74,308,638	94,667,534	170,735,391
23	Fruit and vegetable preparations	444	14,893	24,561,151	94,443,794	64,278,160	161,091,734
24	Sash, door and planing mills	1,590	19,128	36,924,630	96,907,258	61,711,765	160,719,698
25	Machinery, industrial [1]	303	19,389	51,447,438	55,504,674	102,901,482	160,391,298
26	Feeds, stock and poultry, prepared	568	5,191	10,645,384	128,513,344	25,089,531	155,324,874
27	Agricultural implements	86	16,223	43,284,686	79,123,750	68,356,009	149,500,240
28	Breweries	63	8,311	23,888,605	42,018,271	105,073,118	149,409,487
29	Synthetic textiles and silk	47	17,955	40,111,600	55,518,508	87,763,220	147,047,995
30	Sugar refining	12	3,919	9,535,834	109,713,103	31,939,788	144,872,567
31	Castings, iron	218	17,567	47,718,307	60,200,601	78,528,361	142,361,845
32	Boxes and bags, paper	177	13,302	28,551,880	83,841,035	55,813,164	140,656,880
33	Printing and bookbinding	1,533	22,385	51,452,604	48,228,108	84,863,318	134,277,139
34	Fish processing [2]	591	11,842	18,722,240	79,959,218	46,691,639	128,423,853
35	Brass and copper products	155	8,932	22,893,180	82,380,983	42,010,862	126,200,549
36	Tobacco, cigars and cigarettes	53	8,503	19,511,951	62,681,958	59,383,685	122,429,151
37	Refrigerators, vacuum cleaners and appliances	95	9,518	22,843,556	59,570,593	60,470,530	120,929,701
38	Miscellaneous paper goods	204	9,365	21,349,335	63,929,898	50,042,383	114,990,880
39	Footwear, leather	292	20,785	34,710,042	59,684,259	50,717,873	110,968,680
40	Confectionery	207	10,854	18,451,058	54,520,295	49,223,151	104,853,748
	Total, leading industries [2]	**23,689**	**792,888**	**1,888,827,041**	**5,742,705,093**	**4,092,827,079**	**10,075,220,543**
	Total, all industries [2]	**35,942**	**1,183,297**	**2,771,267,435**	**7,538,534,532**	**5,942,058,229**	**13,817,526,381**
	Percentage of leading industries to all industries	65.9	67.0	68.2	76.1	69.0	72.9

1. Not comparable with years prior to 1949.
2. Exclusive of fish processing in Newfoundland.

TABLE 21. Principal Statistics of the Forty Leading Industries of Canada, Ranked According to Gross Value of Products, 1951

No.	Industry	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
		No.	No.	$	$	$	$
1	Pulp and paper	126	57,291	213,169,906	483,014,009	679,257,743	1,237,897,470
2	Slaughtering and meat-packing	155	20,914	62,108,875	767,366,797	120,488,594	892,090,641
3	Non-ferrous metal smelting and refining	17	22,814	75,474,505	553,658,940	262,972,790	861,315,930
4	Motor vehicles	19	30,479	101,342,774	469,114,484	271,113,834	742,895,888
5	Petroleum products	52	10,611	37,078,626	438,467,139	135,902,522	598,940,516
6	Sawmills	7,934	62,415	132,058,607	313,174,713	271,865,508	591,551,749
7	Primary iron and steel	57	33,393	108,561,802	223,011,814	209,472,365	464,587,486
8	Butter and cheese	1,690	20,900	46,781,550	284,602,975	82,416,262	373,745,860
9	Rubber goods, including footwear	67	23,054	64,357,696	146,951,650	161,184,980	311,678,489
10	Railway rolling stock	37	33,410	94,028,834	175,964,789	119,895,329	300,627,241
11	Flour mills[1]	108	4,864	13,596,597	242,132,072	37,078,324	280,866,778
12	Cotton yarn and cloth	54	27,632	58,734,833	172,443,466	97,158,451	273,651,120
13	Motor vehicle parts	161	21,197	65,283,163	142,840,935	117,021,089	263,133,094
14	Miscellaneous food preparations, n.e.s.[2]	328	9,194	20,965,126	192,185,529	65,324,778	260,430,714
15	Bread and other bakery products	2,607	32,252	67,115,919	121,376,693	116,352,428	245,288,370
16	Clothing, men's, factory	577	32,732	62,316,166	131,612,306	106,308,266	238,661,331
17	Machinery, heavy electrical[1]	50	25,296	75,598,912	96,604,451	123,141,325	221,569,105
18	Electrical apparatus and supplies, n.e.s.[1]	141	21,257	60,690,091	100,024,712	119,119,884	221,081,792
19	Machinery, industrial[1]	300	22,326	67,286,913	79,106,152	120,611,361	201,990,057
20	Fruit and vegetable preparations	459	16,401	30,107,576	116,052,675	81,999,840	200,779,150
21	Clothing, women's, factory[1]	912	28,688	56,764,282	102,135,519	95,097,888	197,750,934
22	Sheet metal products	277	17,437	49,037,352	108,335,172	86,629,030	197,114,226
23	Printing and publishing	801	27,300	76,241,565	56,975,903	137,862,920	196,717,896
24	Furniture	1,430	27,274	61,429,275	90,323,522	98,474,043	190,907,429
25	Brass and copper products	153	10,077	29,318,076	121,703,878	56,176,303	179,997,887
26	Sash, door and planing mills	1,698	19,357	40,460,680	109,505,507	66,936,399	178,765,263
27	Foods, stock and poultry, prepared	648	5,505	12,179,857	144,617,180	27,953,403	174,509,795
28	Boxes and bags, paper	187	13,384	32,235,169	102,219,244	68,939,995	172,230,166
29	Agricultural implements	81	17,236	52,217,430	96,469,032	72,719,250	171,172,496
30	Synthetic textiles and silk	46	17,997	44,693,738	66,040,725	96,477,461	166,549,897
31	Castings, iron	205	17,462	52,128,413	75,003,538	86,683,461	165,174,661
32	Fish processing[3]	633	14,911	24,744,189	101,621,086	58,665,035	163,010,208
33	Breweries	63	8,449	27,489,309	45,905,901	112,741,266	161,159,033
34	Printing and bookbinding	1,623	23,213	57,218,345	55,113,171	93,607,704	150,031,501
35	Sugar refining	12	3,562	10,272,939	107,540,497	28,728,247	139,109,277
36	Miscellaneous paper goods	208	9,881	24,902,102	78,430,923	58,302,757	137,835,320
37	Miscellaneous chemical products, n.e.s.	219	9,737	26,971,513	61,653,707	62,937,026	131,543,294
38	Footwear, leather	290	19,999	35,847,436	67,338,736	52,010,174	119,905,782
39	Acids alkalies and salts	29	7,371	24,579,398	39,238,794	67,456,301	117,822,758
40	Aircraft and parts	23	19,198	59,558,317	36,291,613	79,403,570	117,188,078
	Total, leading industries[4]	**24,477**	**846,470**	**2,254,947,856**	**6,916,169,949**	**4,806,487,906**	**12,011,278,682**
	Total, all industries[4]	**37,021**	**1,258,375**	**3,276,280,917**	**9,074,526,353**	**6,940,946,783**	**16,392,187,132**
	Percentage of leading industries to all industries	**66.1**	**67.3**	**68.8**	**76.2**	**69.2**	**73.3**

1. Not comparable with years prior to 1949.
2. Not comparable with previous years.
3. Newfoundland included therefore not comparable with previous years.
4. Includes fish processing in Newfoundland.

Section 4. Principal Factors in Manufacturing Production

The subjetcs treated under this Section include capital, employment, salaries and wages, size of establishments and power and fuel used in manufacturing.

Subsection 1. Capital Employed

Prior to 1944 the following information on capital investment was collected: Fixed Capital — Land, buildings, fixtures, machinery, tools and other equipment. Working Capital — (1) Inventory value of raw materials, stocks in process, fuel and miscellaneous supplies on hand; (2) Inventory value of finished products; (3) Cash, bills and accounts receivable, prepaid expenses, etc.

This was replaced by the collection of expenditure statistics on fixed capital, repairs and maintenance. Although it is now impossible to calculate the total investment in both the fixed and current assets in manufacturing, it is still possible to calculate the investment in fixed assets. By starting with the total investment in 1943 and adding the expenditures to date and then deducting the effective rate of depreciation as given in the annual report on Taxation Statistics, issued by the Department of National Revenue, an estimate of the investment in fixed assets is thus obtained.

The remarkable increase in capital employed in Canadian manufactures from the beginning of the twentieth century has, of course, run parallel with the rapid growth in industrial operations. From 1900 to 1905 the capital increased from $446,900,000 to $833,900,000, and advanced to $1,958,700,000 in 1915. During this period returns were received from establishments with 5 hands or over, and, while the rise in wholesale prices did not exceed 37 p.c., the capital employed in manufactures increased nearly 340 p.c.

The capital investment in 1943 in all establishments, irrespective of the number of employees, but exclusive of central electric stations, was $6,317,000,000 as compared with $2,234,000,000 in 1917, an increase of 171 p.c., while wholesale prices declined about 13 p. c. in the same period.

Estimated Investment in Fixed Capital (Land, Buildings and Equipment), 1939-51

Year	Additions[2]	Cumulative total at end of year	Effective rate of depreciation[1]	Amount of depreciation	Cumulative depreciation	Balance at end of year	Average investment per employee
	$'000,000	$'000,000	p.c.	$'000,000	$'000,000	$'000,000	$
1939	—	—	—	—	—	2,168.9	3,296
1943	—	—	—	—	—	3,002.9	2,420
1944	211.4	3,214.3	5.6	180.0	180.0	3,034.3	2,481
1945	280.1	3,494.4	3.6	125.8	305.8	3,188.6	2,849
1946	337.2	3,831.6	3.5	134.1	439.9	3,391.7	3,205
1947	527.9	4,359.5	4.5	196.2	636.1	3,723.4	3,290
1948	579.0	4,938.5	5.0	246.9	883.0	4,055.5	3,509
1949	535.8	5,474.3	6.0	328.5	1,211.5	4,262.8	3,640
1950	502.5	5,976.8	6.2	370.6	1,582.1	4,394.7	3,714
1951	792.6	6,769.4	6.3	426.5	2,008.6	4,760.8	3,783

1. Taken from the annual report on Taxation Statistics, issued by the Department of National Revenue.
2. Does not include the value of land.

Between 1939 and 1943 there was a drop of $876 in the value of fixed assets per employee. This decline was due to two factors: (1) a decline in the replacement and additions to buildings and equipment, resulting from the restrictions made necessary by the war effort; and (2) an increase in the number of shifts worked which increased the number of employees without a corresponding increase in equipment. After the end of the war investment in fixed assets became increasingly rapid. Old plants were modernized and new plants built to take care of the expanded home market resulting from an increased population and higher purchasing power. The net result in this development was an increase of $487 in the value of buildings and equipment per employee between 1939 and 1951.

Capital expenditures by manufacturers in 1951 totalled $267,600,000 for construction and $525,000,000 for machinery and equipment, while $422,000,000 went for repairs and maintenance. Of the total capital expenditure amounting to $792,600,000 in 1951, 15.8 p.c. was reported by the paper products group of industries, 12.3 p.c. by the iron and steel group, 7.4 p.c. by petroleum and coal, 7.3 p.c. by chemical products, 6.2 p.c. by transportation equipment, 6.1 p.c. by non-ferrous metal products, 4.9 p.c. by textiles (except clothing), 4.8 p.c. by wood products, 4.0 p.c. by electrical apparatus and supplies, etc.

TABLE 22. Capital, Repair and Maintenance Expenditures by the Manufacturing Industries, by Provinces and Industrial Groups, 1951, with Totals for 1944-50

Group and year	Capital expenditures			Repairs and maintenance expenditures		
	Construction	Machinery and equipment	Total	Construction	Machinery and equipment	Total
	$'000,000					
1944	61.3	150.1	211.4	60.7	173.5	234.2
1945	75.9	204.2	280.1	63.1	170.6	233.7
1946	132.2	205.0	337.2	56.8	164.3	221.1
1947	184.7	343.2	527.9	62.4	210.7	273.1
1948	184.8	394.2	579.0	78.9	253.9	332.8
1949	156.6	379.2	535.8	66.7	267.2	333.9
1950	135.4	367.1	502.5	67.6	279.0	346.6
Provinces, 1951						
Newfoundland	3.4	6.4	9.8	1.2	4.2	5.4
Prince Edward Island	0.2	0.2	0.4	0.1	0.2	0.3
Nova Scotia	1.8	10.6	12.4	5.0	6.4	11.4
New Brunswick	4.2	13.3	17.5	1.7	7.8	9.5
Quebec	54.7	143.8	198.5	21.3	96.6	117.9
Ontario	137.8	257.4	395.2	39.4	170.4	209.8
Manitoba	7.9	9.7	17.6	2.5	7.5	10.0
Saskatchewan	3.7	9.5	13.2	1.2	2.4	3.6
Alberta	12.7	23.9	36.6	2.7	5.8	8.5
British Columbia	41.2	50.2	91.4	9.9	35.7	45.6
Total, 1951	**267.6**	**525.0**	**792.6**	**85.0**	**337.0**	**422.0**
Industrial groups, 1951						
Foods and beverages	28.0	51.1	79.1	11.8	34.3	46.1
Tobacco and tobacco products	0.5	1.7	2.2	0.4	1.3	1.7
Rubber products	2.0	5.9	7.9	0.9	5.5	6.4
Leather products	0.9	1.9	2.8	0.6	2.1	2.7
Textile products (except clothing)	9.9	29.2	39.1	4.0	16.7	20.7
Clothing (textile and fur)	4.1	9.1	13.2	1.4	4.7	6.1
Wood products	11.2	27.4	38.6	7.7	24.5	32.2
Paper products	41.7	83.2	124.9	9.7	69.0	78.7
Printing, publishing and allied trades	6.3	18.0	24.3	1.7	4.6	6.3
Iron and steel products	47.1	50.1	97.2	13.0	58.9	71.9
Transportation equipment	21.8	27.1	48.9	6.9	21.5	28.4
Non-ferrous metal products	22.4	26.0	48.4	6.9	30.3	37.2
Electrical apparatus and supplies	16.3	15.6	31.9	2.2	11.4	13.6
Non-metallic mineral products	11.5	18.9	30.4	4.7	15.6	20.3
Products of petroleum and coal	21.7	37.3	59.0	8.3	8.8	17.1
Chemical products	19.2	38.5	57.7	4.0	24.8	28.8
Miscellaneous industries	3.0	4.4	7.4	0.8	3.0	3.8
Capital items charged to operating expense	—	79.6	79.6	—	—	—

TABLE 23. Capital, Repair and Maintenance Expenditures by the Manufacturing Industries, by Industrial Groups, 1944-51

Group and year	Capital expenditures			Repairs and maintenance expenditures		
	Construction	Machinery and equipment	Total	Construction	Machinery and equipment	Total
	$'000,000					
Foods and beverages:						
1944	10.7	11.4	22.1	8.5	21.2	29.7
1945	18.2	16.2	34.4	11.6	19.8	31.4
1946	24.7	28.4	53.1	12.3	20.5	32.8
1947	33.0	49.8	82.8	10.8	25.7	36.5
1948	31.9	56.5	88.4	13.2	28.6	41.8
1949	27.7	60.8	88.5	10.4	30.7	41.1
1950	26.0	49.2	75.2	10.0	31.6	41.6
1951	28.0	51.1	79.1	11.8	34.3	46.1
Tobacco and tobacco products:						
1944[1]	—	—	—	—	—	—
1945[1]	—	—	—	—	—	—
1946	1.2	0.9	2.1	0.5	0.6	1.1
1947	1.0	2.1	3.1	0.5	1.0	1.5
1948	0.8	1.9	2.7	0.5	1.3	1.8
1949	0.3	2.0	2.3	0.4	1.3	1.7
1950	1.0	1.6	2.6	0.4	1.3	1.7
1951	0.5	1.7	2.2	0.4	1.3	1.7

1. Figures not compiled separately; they are, however, included in the total.

TABLE 23. Capital, Repair and Maintenance Expenditures by the Manufacturing Industries, by Industrial Groups, 1944-51 — Continued

Group and year	Capital expenditures			Repairs and maintenance expenditures		
	Construction	Machinery and equipment	Total	Construction	Machinery and equipment	Total
	$'000,000					
Rubber products (including footwear):						
1944[1]	—	—	—	—	—	—
1945[1]	—	—	—	—	—	—
1946	3.9	3.6	7.5	1.1	3.7	4.8
1947	2.4	7.8	10.2	1.3	6.1	7.4
1948	1.5	4.5	6.0	0.9	4.6	5.5
1949	1.7	5.6	7.3	0.6	4.4	5.0
1950	0.6	4.1	4.7	0.7	4.6	5.3
1951	2.0	5.9	7.9	0.9	5.5	6.4
Leather products:						
1944[1]	—	—	—	—	—	—
1945[1]	—	—	—	—	—	—
1946	1.6	1.6	3.2	1.1	2.4	3.5
1947	1.2	2.0	3.2	0.9	2.9	3.8
1948	1.2	2.2	3.4	1.0	2.6	3.6
1949	0.6	2.5	3.1	0.7	2.2	2.9
1950	0.7	1.8	2.5	0.6	2.1	2.7
1951	0.9	1.9	2.8	0.6	2.1	2.7
Textile products (except clothing):						
1944	1.8	4.9	6.7	2.8	7.6	10.4
1945	1.3	7.7	9.0	2.9	8.5	11.4
1946	8.4	16.2	24.6	3.3	10.2	13.5
1947	10.9	25.7	36.6	2.8	12.2	15.0
1948	6.5	29.1	35.6	3.9	14.2	18.1
1949	7.0	29.9	36.9	3.6	14.9	18.5
1950	6.6	20.8	27.4	3.5	15.9	19.4
1951	9.9	29.2	39.1	4.0	16.7	20.7
Clothing (textile and fur):						
1944	2.8	1.1	3.9	3.8	3.3	7.1
1945	9.2	4.4	13.6	2.1	3.1	5.2
1946	2.6	5.8	8.4	2.2	3.8	6.0
1947	3.7	10.3	14.0	1.9	4.7	6.6
1948	2.1	10.2	12.3	2.2	4.8	7.0
1949	3.0	12.7	15.7	1.9	4.9	6.8
1950	2.5	9.4	11.9	1.4	4.6	6.0
1951	4.1	9.1	13.2	1.4	4.7	6.1
Wood products:						
1944	2.9	2.4	5.3	4.6	13.5	18.1
1945	1.6	3.6	5.2	5.3	15.2	20.5
1946	10.9	9.5	20.4	5.7	12.2	17.9
1947	11.4	20.7	32.1	6.5	15.6	22.1
1948	7.9	18.5	26.4	7.1	18.9	26.0
1949	7.5	22.9	30.4	5.7	18.2	23.9
1950	8.1	21.3	29.4	5.4	19.4	24.8
1951	11.2	27.4	38.6	7.7	24.5	32.2
Paper products:						
1944	8.0	6.7	14.7	1.9	32.3	34.2
1945	5.8	10.8	16.6	1.9	34.7	36.6
1946	27.2	27.8	55.0	5.3	28.4	33.7
1947	31.2	49.8	81.0	6.4	37.3	43.7
1948	29.1	60.4	89.5	7.0	47.3	54.3
1949	26.8	65.2	92.0	8.7	51.1	59.8
1950	21.1	57.4	78.5	8.0	51.7	59.7
1951	41.7	83.2	124.9	9.7	69.0	78.7
Printing, publishing and allied trades:						
1944	0.2	2.2	2.4	0.6	3.9	4.5
1945	3.9	2.1	6.0	0.8	5.1	5.9
1946	2.9	4.4	7.3	1.3	2.4	3.7
1947	5.4	8.4	13.8	1.6	3.2	4.8
1948	7.0	12.4	19.4	1.6	3.9	5.5
1949	6.3	16.4	22.7	1.4	3.9	5.3
1950	5.0	14.4	19.4	1.7	4.1	5.8
1951	6.3	18.0	24.3	1.7	4.6	6.3
Iron and steel products:						
1944	10.1	22.2	32.3	6.5	26.2	32.7
1945	12.8	18.5	31.3	7.7	24.6	32.3
1946	14.9	22.0	36.9	8.4	22.8	31.2
1947	16.0	38.9	54.9	10.1	32.4	42.5
1948	19.6	36.7	56.3	12.0	38.4	50.4
1949	14.6	44.9	59.5	12.4	38.9	51.3
1950	13.5	30.7	44.2	12.7	41.7	54.4
1951	47.1	50.1	97.2	13.0	58.9	71.9
Transportation equipment:						
1944	1.6	4.7	6.3	11.0	20.8	31.8
1945	2.2	8.6	10.8	8.1	17.2	25.3
1946	5.4	10.3	15.7	3.7	14.4	18.1
1947	5.2	8.9	14.1	3.1	14.2	17.3
1948	5.4	10.0	15.4	5.3	16.8	22.1
1949	6.7	18.2	24.9	5.3	20.2	25.5
1950	9.9	17.4	27.3	5.7	20.0	25.7
1951	21.8	27.1	48.9	6.9	21.5	28.4

1. Figures not compiled separately; they are, however, included in the total.

TABLE 23. Capital, Repair and Maintenance Expenditures by the Manufacturing Industries, by Industrial Groups, 1944-51 — Concluded

Group and year	Capital expenditures			Repair and maintenance expenditures		
	Construction	Machinery and equipment	Total	Construction	Machinery and equipment	Total
	$'000,000					
Non-ferrous metal products:						
1944	6.4	2.4	8.8	5.0	15.3	20.3
1945	0.7	3.5	4.2	3.8	12.7	16.5
1946	2.3	5.3	7.6	3.1	12.2	15.3
1947	6.7	9.4	16.1	4.7	16.4	21.1
1948	8.9	16.8	25.7	7.8	25.9	33.7
1949	10.4	22.0	32.4	4.4	22.3	26.7
1950	8.9	13.5	22.4	4.0	24.6	28.6
1951	22.4	26.0	48.4	6.9	30.3	37.2
Electrical apparatus and supplies:						
1944[1]	—	—	—	—	—	—
1945[1]	—	—	—	—	—	—
1946	3.0	8.7	11.7	1.2	5.0	6.2
1947	5.3	9.7	15.0	2.0	7.1	9.1
1948	4.8	11.9	16.7	2.2	8.7	10.9
1949	4.8	14.1	18.9	2.0	9.4	11.4
1950	3.1	10.6	13.7	2.0	10.5	12.5
1951	16.3	15.6	31.9	2.2	11.4	13.6
Non-metallic mineral products:						
1944	1.4	1.2	2.6	0.8	6.5	7.3
1945	3.1	2.1	5.2	0.8	7.0	7.8
1946	3.5	4.2	7.7	1.4	8.4	9.8
1947	11.3	10.6	21.9	1.6	9.9	11.5
1948	11.1	17.0	28.1	2.3	13.3	15.6
1949	6.9	15.2	22.1	1.5	14.3	15.8
1950	4.4	12.0	16.4	1.6	15.7	17.3
1951	11.5	18.9	30.4	4.7	15.6	20.3
Products of petroleum and coal:						
1944[1]	—	—	—	—	—	—
1945[1]	—	—	—	—	—	—
1946	5.2	4.6	9.8	2.4	5.2	7.6
1947	23.3	10.4	33.7	3.4	7.8	11.2
1948	29.3	13.4	42.7	6.6	6.3	12.9
1949	18.1	11.6	29.7	3.0	11.0	14.0
1950	14.3	18.5	32.8	4.8	9.7	14.5
1951	21.7	37.3	59.0	8.3	8.8	17.1
Chemical products:						
1944	1.4	1.6	3.0	3.7	8.1	11.8
1945	4.0	3.6	7.6	4.2	7.2	11.4
1946	11.6	8.0	19.6	2.9	10.3	13.2
1947	14.4	19.3	33.7	4.0	12.5	16.5
1948	15.0	26.9	41.9	4.3	15.8	20.1
1949	11.9	30.9	42.8	3.9	17.3	21.2
1950	7.3	19.0	26.3	4.3	19.1	23.4
1951	19.2	38.5	57.7	4.0	24.8	28.8
Miscellaneous industries:						
1944[2]	1.3	81.4[2]	82.7	1.0	1.9	2.9
1945[2]	1.7	110.7[2]	112.4	1.0	1.9	2.9
1946	2.9	43.7	46.6	0.9	1.8	2.7
1947	2.3	59.4	61.7	0.8	1.7	2.5
1948	2.7	65.8	68.5	1.0	2.5	3.5
1949	2.3	4.3	6.6	0.8	2.2	3.0
1950	2.4	3.6	6.0	0.8	2.4	3.2
1951	3.0	4.4	7.4	0.8	3.0	3.8

1. Figures not compiled separately; they are, however, included in the total.
2. Includes allowance for capital items charged to operating expense of $18,000,000 in 1944 and $23,900,000 in 1945.

Subsection 2. Employment in Manufacturing Industries

Monthly Record of Employment. Ordinarily, manufacturing employment in Canada reaches its highest point during the summer months. Some of the seasonal industries, such as canning, are most active then, textile industries are preparing winter goods, and industry generally feels the active demand of the agricultural purchasing power resulting from the prospect of the season's harvest.

After the setback of 1929, employment in 1930, 1931, 1932 and the first half of 1933 declined steadily, the monthly employment figures in each case being lower than the corresponding month of the previous year. The peak of employment in June, 1929, when 575,693 wage-earners were on the payrolls, was surpassed in September, 1937, with 582,305 wage-earners. After the outbreak of war the improvement in employment became increasingly rapid. A record high was reached in August, 1943, when 1,067,890 wage-earners were employed, an increase of 96.4 p.c. over the same month in 1939. The highest employment during 1944 occurred in June when 1,049,557 wage-earners were employed. From then on employment declined steadily to the end of 1945 when 819,619 wage-earners were reported. At the end of 1951 there were 953,952 wage-earners employed, compared with an employment of 961,820 wage-earners in December, 1944, and 1,021,630 in December 1943.

TABLE 24. Wage-earners Employed in the Manufacturing Industries, by Months and Sex, Significant Years, 1922-51

Month	1922	1929	1933	1939	1943	1949	1950	1951
	All wage-earners							
January	324,257	502,644	340,027	490,337	1,023,261	928,077	894,928	972,027
February	336,729	519,423	347,777	496,160	1,030,878	932,356	903,560	985,723
March	349,110	536,866	355,888	503,475	1,036,648	937,714	911,789	1,002,314
April	360,248	555,711	358,759	509,739	1,033,748	944,307	918,665	1,011,862
May	382,504	574,905	377,659	530,864	983,058	961,137	946,716	1,032,381
June	393,935	575,693	392,196	531,245	1,058,645	973,324	968,616	1,047,550
July	391,186	573,554	393,464	529,575	1,056,975	964,813	973,640	1,044,626
August	389,511	567,022	402,249	543,605	1,067,890	975,114	979,105	1,036,207
September	392,423	564,796	410,954	562,355	1,066,595	970,324	997,603	1,033,835
October	385,262	553,338	405,757	568,564	1,053,486	951,017	987,667	1,009,293
November	378,992	527,213	396,384	563,117	1,049,738	934,576	976,936	988,993
December	367,724	499,893	380,612	544,817	1,021,630	906,851	952,529	953,952
	Male							
January	243,682	397,459	257,445	381,997	751,269	716,005	689,306	755,384
February	253,178	410,865	260,728	385,955	755,181	719,374	695,759	765,244
March	263,849	426,713	267,259	391,623	757,702	725,953	702,670	779,730
April	274,821	443,560	271,348	398,982	755,888	732,906	710,732	790,824
May	294,095	459,783	285,705	416,963	764,158	747,614	737,394	810,805
June	304,395	460,294	296,937	417,975	776,003	757,575	755,694	826,163
July	304,020	459,051	300,329	417,987	779,687	750,579	761,118	825,116
August	301,234	449,721	302,969	421,895	777,733	747,518	756,616	811,212
September	298,918	441,510	304,908	431,509	767,043	739,768	765,769	805,928
October	291,973	432,576	301,315	437,220	754,484	725,853	759,406	792,368
November	286,511	412,114	294,945	432,920	753,211	715,188	751,899	779,262
December	277,854	391,903	285,690	422,538	738,073	700,141	740,715	760,289
	Female							
January	80,575	105,185	82,582	108,340	271,992	212,072	205,622	216,643
February	83,551	108,558	87,049	110,205	275,697	212,982	207,801	220,479
March	85,261	110,153	88,629	111,852	278,946	211,761	209,119	222,584
April	85,427	112,142	87,411	110,757	277,860	211,401	207,933	221,038
May	88,409	115,122	91,954	113,901	218,900	213,523	209,322	221,576
June	89,540	115,399	95,259	113,270	282,642	215,749	212,922	221,387
July	87,166	114,503	93,135	111,588	277,288	214,234	212,522	219,510
August	88,277	117,301	99,280	121,710	290,157	227,596	222,489	224,995
September	93,505	123,286	106,046	130,846	299,552	230,556	231,834	227,907
October	93,289	120,762	104,442	131,344	209,002	225,164	228,261	216,925
November	92,481	115,099	101,439	130,197	296,527	219,388	225,037	209,731
December	89,870	107,990	94,922	122,279	283,557	206,710	211,814	193,663

TABLE 25. Wage-earners Employed in the Manufacturing Industries, by Months, Sex and Provinces, 1950 and 1951

Province and Month	1951			1950		
	Male	Female	Total	Male	Female	Total
	Number					
Newfoundland [1]:						
January	5,565	985	6,550	3,337	632	3,969
February	5,698	1,079	6,777	3,513	637	4,150
March	5,878	1,088	6,966	3,622	663	4,285
April	6,517	1,094	7,611	3,956	712	4,668
May	6,757	1,115	7,872	4,322	733	5,055
June	7,368	1,230	8,598	4,669	766	5,435
July	7,280	1,274	8,554	4,593	777	5,370
August	7,294	1,288	8,582	4,708	800	5,508
September	7,128	1,227	8,355	4,532	829	5,361
October	6,846	1,236	8,082	4,495	790	5,285
November	6,409	1,122	7,531	4,195	825	5,020
December	6,101	886	6,987	3,845	782	4,627
Prince Edward Island:						
January	610	152	762	655	244	899
February	622	199	821	660	158	818
March	677	169	846	699	157	856
April	951	205	1,156	875	221	1,096
May	1,380	807	2,187	1,364	765	2,129
June	1,271	746	2,017	1,257	696	1,953
July	980	484	1,464	944	468	1,412
August	1,037	525	1,562	1,110	596	1,706
September	937	379	1,316	1,050	542	1,592
October	876	339	1,215	941	316	1,257
November	802	251	1,053	873	259	1,132
December	743	244	987	786	275	1,061

1. Figures for 1951 include fish processing.

TABLE 25. Wage-earners Employed in the Manufacturing Industries, by Months, Sex and Provinces, 1950 and 1951 — Continued

Province and Month	1951			1950		
	Male	Female	Total	Male	Female	Total
	number					
Nova Scotia:						
January	19,639	3,093	22,732	18,647	3,246	21,893
February	20,072	2,953	23,025	18,806	2,928	21,734
March	21,067	2,739	23,806	19,076	2,920	21,996
April	21,831	2,891	24,722	19,646	3,029	22,675
May	23,806	3,574	27,380	21,366	3,751	25,117
June	24,635	3,863	28,498	22,087	3,815	25,902
July	24,736	3,723	28,459	22,035	3,667	25,702
August	24,076	3,784	27,860	21,634	3,685	25,319
September	23,057	3,611	26,668	20,913	3,770	24,683
October	22,856	3,689	26,545	21,183	3,705	24,888
November	22,283	3,679	25,962	20,846	3,709	24,555
December	21,586	3,181	24,767	20,375	3,461	23,836
New Brunswick:						
January	15,738	2,821	18,559	14,425	3,006	17,431
February	15,887	2,708	18,595	14,828	2,926	17,754
March	16,609	3,055	19,664	15,714	2,846	18,560
April	16,865	2,935	19,800	15,841	2,810	18,651
May	18,448	3,981	22,429	17,990	4,159	22,149
June	19,191	4,380	23,571	18,848	4,783	23,631
July	18,869	4,118	22,987	18,636	4,474	23,110
August	18,937	4,664	23,601	18,297	4,837	23,134
September	18,105	4,283	22,388	17,822	4,312	22,134
October	17,477	4,022	21,499	16,640	3,794	20,434
November	16,354	3,687	20,041	15,571	3,284	18,855
December	15,448	3,114	18,562	15,119	2,990	18,109
Quebec:						
January	229,243	93,726	322,969	211,851	88,415	300,266
February	232,587	95,830	328,417	213,306	90,039	303,345
March	237,080	96,670	333,750	214,654	90,840	305,494
April	244,067	96,089	340,156	219,338	89,565	308,903
May	253,122	94,357	347,479	226,848	88,640	315,488
June	257,349	91,501	348,850	232,006	87,085	319,091
July	256,553	89,740	346,293	233,018	86,876	319,894
August	255,947	92,246	348,193	233,846	91,576	325,422
September	251,107	92,932	344,039	233,647	95,029	328,676
October	246,991	90,653	337,644	230,716	94,862	325,578
November	243,101	88,529	331,630	226,860	93,936	320,796
December	237,571	83,705	321,276	223,443	89,998	313,441
Ontario:						
January	369,571	97,232	446,803	236,309	92,352	328,661
February	373,578	98,681	472,259	337,876	93,070	430,946
March	378,926	99,592	478,518	338,243	93,291	431,534
April	382,750	98,330	481,080	341,575	92,883	434,458
May	386,651	97,742	484,393	353,303	92,271	445,574
June	391,935	98,058	489,993	360,973	94,695	455,668
July	390,616	96,807	487,423	363,343	93,171	456,514
August	379,286	98,740	478,026	358,445	97,700	456,145
September	382,902	102,443	485,345	369,987	104,826	474,813
October	375,134	95,423	470,557	369,051	103,274	472,325
November	369,881	92,390	462,271	368,171	102,478	470,649
December	361,196	84,798	445,994	364,575	96,056	460,631
Manitoba:						
January	25,119	7,609	32,728	25,029	7,530	32,559
February	25,293	7,612	32,905	25,164	7,619	32,783
March	25,457	7,585	33,042	25,356	7,589	32,945
April	25,641	7,605	33,246	25,206	7,575	32,781
May	26,132	7,625	33,757	25,101	7,145	32,246
June	26,587	7,650	34,237	25,709	7,525	33,234
July	26,733	8,004	34,737	25,931	7,686	33,617
August	26,465	7,870	34,335	25,977	7,766	33,743
September	26,398	7,888	34,286	26,092	8,025	34,117
October	26,162	7,761	33,923	25,924	8,210	34,134
November	26,026	7,724	33,750	25,861	7,833	33,694
December	25,604	7,045	32,649	25,518	7,393	32,911
Saskatchewan:						
January	6,901	854	7,755	6,375	875	7,250
February	7,202	876	8,078	6,524	899	7,423
March	7,371	882	8,253	6,681	912	7,593
April	7,255	925	8,180	6,718	940	7,658
May	7,278	1,021	8,299	6,829	1,013	7,842
June	7,413	1,079	8,492	6,993	1,069	8,062
July	7,528	1,072	8,600	7,068	1,060	8,128
August	7,289	1,038	8,327	6,918	1,008	7,926
September	6,911	984	7,895	6,692	980	7,672
October	6,999	986	7,985	6,542	941	7,483
November	7,017	990	8,007	6,563	905	7,468
December	6,989	939	7,928	6,402	877	7,279

TABLE 25. Wage-earners Employed in the Manufacturing Industries, by Months, Sex and Provinces, 1950 and 1951 — Concluded

Province and Month	1951			1950		
	Male	Female	Total	Male	Female	Total
	number					
Alberta:						
January	20,501	2,817	23,318	18,754	2,710	21,464
February	20,692	2,813	23,505	18,677	2,660	21,337
March	20,848	2,908	23,756	19,093	2,740	21,833
April	17,989	2,956	20,945	16,928	2,787	19,715
May	18,270	3,000	21,270	16,795	2,871	19,666
June	18,786	3,204	21,990	17,398	2,994	20,392
July	19,333	3,331	22,664	17,884	3,416	21,300
August	19,192	3,453	22,645	17,616	3,368	20,984
September	18,686	3,275	21,961	17,481	3,136	20,617
October	19,570	3,110	22,680	17,886	2,976	20,862
November	20,562	3,135	23,697	18,836	2,944	21,780
December	21,080	3,045	24,125	19,315	2,811	22,126
British Columbia:						
January	62,437	7,344	69,781	53,897	6,603	60,500
February	63,535	7,714	71,249	56,378	6,856	63,234
March	65,714	7,882	73,596	59,456	7,147	66,603
April	66,842	7,994	74,836	60,593	7,395	67,988
May	68,846	8,341	77,187	63,376	7,958	71,334
June	71,502	9,662	81,164	65,649	9,477	75,126
July	72,353	10,941	83,294	67,562	10,908	78,470
August	71,554	11,371	82,925	67,962	11,135	79,097
September	70,571	10,871	81,442	67,447	10,369	77,816
October	69,364	9,691	79,055	65,963	9,378	75,341
November	66,756	8,215	74,971	64,091	8,853	72,944
December	63,900	6,698	70,598	61,313	7,161	68,474
Yukon and Northwest Territories:						
January	60	10	70	27	9	36
February	78	14	92	27	9	36
March	103	14	117	46	14	60
April	116	14	130	56	16	72
May	115	13	128	100	16	116
June	126	14	140	105	17	122
July	135	16	151	104	19	123
August	135	16	151	103	18	121
September	126	14	140	106	16	122
October	93	15	108	65	15	80
November	71	9	80	32	11	43
December	71	8	79	24	10	34

TABLE 26. Wage-earners Employed in the Manufacturing Industries, by Months, Sex and Industrial Groups, 1950 and 1951

Group and Month	1951			1950		
	Male	Female	Total	Male	Female	Total
	number					
Foods and beverages:						
January	93,426	27,429	120,855	90,335	26,793	117,128
February	92,306	27,963	120,269	89,395	26,722	116,117
March	92,970	28,085	121,055	89,886	27,325	117,211
April	96,611	27,977	124,588	93,898	28,422	122,320
May	102,653	32,455	135,108	100,740	32,677	133,417
June	109,587	37,373	146,960	107,003	37,438	144,441
July	114,645	40,457	155,102	110,750	39,125	149,875
August	112,931	45,227	158,158	109,525	42,531	152,056
September	113,120	48,538	161,658	109,424	45,779	155,203
October	106,968	40,305	147,273	104,583	38,497	143,080
November	102,614	36,260	138,874	100,503	34,734	135,237
December	96,737	28,700	125,437	94,713	27,792	122,505
Tobacco and tobacco products:						
January	4,246	6,011	10,257	4,373	6,196	10,569
February	4,270	5,995	10,265	4,184	6,238	10,422
March	3,334	5,416	8,750	3,592	6,015	9,607
April	2,879	4,678	7,557	2,947	5,242	8,189
May	2,848	4,701	7,549	2,882	5,204	8,086
June	2,879	4,618	7,497	2,880	5,177	8,057
July	2,876	4,629	7,505	2,884	5,181	8,065
August	2,882	4,605	7,487	2,898	5,185	8,083
September	2,951	4,600	7,551	3,024	5,206	8,230
October	2,890	4,587	7,477	2,947	5,181	8,128
November	3,762	5,221	8,983	3,340	5,161	8,501
December	3,932	5,284	9,216	4,001	5,851	9,852

TABLE 26. Wage-Earners Employed in the Manufacturing Industries, by Months, Sex and Industrial Groups, 1950 and 1951 — Continued

Group and Month	1951			1950		
	Male	Female	Total	Male	Female	Total
	Number					
Rubber products:						
January	13,755	4,492	18,247	12,304	4,149	16,453
February	14,033	4,673	18,706	12,289	4,149	16,438
March	14,136	4,546	18,682	12,134	4,128	16,262
April	14,261	4,407	18,668	12,058	4,106	16,164
May	14,322	4,343	18,665	12,194	4,103	16,297
June	14,135	4,130	18,265	12,541	4,119	16,660
July	14,067	4,224	18,291	12,717	4,106	16,823
August	13,718	4,197	17,915	13,043	4,272	17,315
September	13,149	4,067	17,216	13,323	4,496	17,819
October	12,711	3,864	16,575	13,574	4,714	18,288
November	12,409	3,640	16,049	13,552	4,755	18,307
December	12,313	3,580	15,893	13,515	4,477	17,992
Leather products:						
January	17,431	12,026	29,457	17,258	11,994	29,252
February	17,656	12,453	30,109	17,546	12,408	29,954
March	17,704	12,501	30,205	17,552	12,346	29,898
April	17,240	12,114	29,354	17,170	11,886	29,056
May	16,382	11,429	27,811	16,483	11,172	27,655
June	15,698	11,214	26,912	16,159	11,145	27,304
July	15,353	11,147	26,500	16,495	11,442	27,937
August	15,462	11,296	26,758	16,827	11,996	28,823
September	15,217	11,098	26,315	17,157	12,352	29,509
October	14,920	10,634	25,554	17,237	12,376	29,613
November	14,962	10,566	25,528	17,110	12,036	29,146
December	14,632	10,123	24,755	17,018	11,760	28,778
Textile products (except clothing):						
January	46,021	27,886	73,907	42,627	26,013	68,640
February	46,215	28,106	74,321	42,835	26,125	68,960
March	46,889	28,177	75,066	42,852	26,045	68,897
April	46,740	28,062	74,802	42,347	25,826	68,173
May	46,210	27,759	73,969	42,011	25,220	67,231
June	45,153	26,710	71,863	42,057	25,348	67,405
July	43,826	25,487	69,313	42,206	24,996	67,202
August	43,593	25,202	68,795	42,747	25,776	68,523
September	42,702	24,836	67,538	43,679	26,634	70,313
October	42,097	24,687	66,784	44,499	27,326	71,825
November	41,788	24,097	65,885	45,208	27,641	72,849
December	40,613	23,206	63,819	45,061	27,330	72,391
Clothing (textile and fur):						
January	31,583	70,893	102,476	30,793	68,812	99,605
February	32,393	72,494	104,887	31,142	70,029	101,171
March	32,629	73,858	106,487	31,484	71,173	102,657
April	32,126	73,713	105,839	30,925	70,281	101,206
May	31,206	71,397	102,603	30,507	68,459	98,966
June	30,657	68,206	98,863	30,170	66,305	96,475
July	30,633	65,674	96,307	30,427	64,461	94,888
August	30,746	67,550	98,296	31,127	67,578	98,705
September	30,389	67,836	98,225	31,563	70,020	101,583
October	30,035	66,926	96,961	31,605	70,927	102,532
November	29,519	65,743	95,262	31,324	70,870	102,194
December	28,685	61,498	90,183	30,971	67,917	98,888
Wood Products:						
January	94,457	5,135	99,592	81,785	4,737	86,522
February	97,392	5,179	102,571	86,607	4,930	91,537
March	103,072	5,223	108,295	93,278	4,976	98,254
April	105,943	5,155	111,098	97,216	4,970	102,186
May	115,183	5,207	120,390	108,033	5,088	113,121
June	119,088	5,237	124,325	113,705	5,159	118,864
July	114,706	5,196	119,902	111,023	5,202	116,225
August	108,873	5,090	113,963	107,404	5,341	112,745
September	103,083	5,018	108,101	103,670	5,373	109,043
October	97,780	4,902	102,682	99,056	5,511	104,567
November	91,622	4,825	96,447	93,640	5,438	99,078
December	87,171	4,610	91,781	88,837	5,255	94,092
Paper products:						
January	55,568	8,636	64,204	52,374	8,368	60,742
February	55,958	8,635	64,593	52,454	8,360	60,814
March	56,388	8,703	65,091	52,700	8,343	61,043
April	57,518	8,665	66,183	53,230	8,271	61,501
May	59,969	8,667	68,636	55,593	8,304	63,897
June	62,330	8,772	71,102	57,788	8,593	66,381
July	63,628	8,715	72,343	58,431	8,388	66,819
August	64,306	8,595	72,901	58,695	8,675	67,370
September	62,905	8,745	71,650	58,064	8,943	67,007
October	62,156	8,795	70,951	57,455	9,180	66,635
November	60,802	8,668	69,470	56,331	9,253	65,584
December	59,832	8,307	68,139	55,323	8,828	64,151

TABLE 26. Wage-Earners Employed in the Manufacturing Industries, by Months, Sex and Industrial Groups, 1950 and 1951 — Continued

Group and Month	1951			1950		
	Male	Female	Total	Male	Female	Total
	Number					
Printing, publishing and allied Industries:						
January	31,296	8,880	40,176	30,072	8,847	38,919
February	31,141	8,698	39,839	30,108	8,925	39,033
March	31,242	8,703	39,945	30,235	8,762	38,997
April	31,288	8,704	39,992	30,278	8,701	38,979
May	31,234	8,751	39,985	30,327	8,715	39,042
June	31,557	9,012	40,569	30,584	9,020	39,604
July	31,661	9,202	40,863	30,628	8,927	39,555
August	31,417	9,102	40,519	30,509	8,883	39,392
September	31,481	9,278	40,759	30,508	9,133	39,641
October	31,627	9,215	40,842	30,625	9,313	39,938
November	31,711	9,035	40,746	30,940	9,708	40,648
December	31,565	8,703	40,268	30,888	8,933	39,821
Iron and steel products:						
January	134,744	7,871	142,615	120,577	6,616	127,193
February	136,722	8,097	144,819	120,207	6,572	126,779
March	139,169	8,173	147,342	121,366	6,596	127,962
April	140,957	8,171	149,128	122,092	6,658	128,750
May	141,770	8,226	149,996	123,071	6,708	129,779
June	143,334	8,107	151,441	124,516	6,789	131,305
July	142,620	7,896	150,516	124,906	6,734	131,640
August	142,445	7,731	150,176	128,156	7,028	135,184
September	141,611	7,578	149,189	130,367	7,251	137,618
October	141,607	7,348	148,955	131,818	7,468	139,286
November	142,302	7,182	149,484	132,375	7,481	139,856
December	141,137	7,045	148,182	133,250	7,484	140,734
Transportation equipment:						
January	91,867	3,765	95,632	81,455	3,107	84,562
February	94,689	3,920	98,609	82,699	3,154	85,853
March	97,392	3,969	101,361	80,106	3,036	83,142
April	98,727	4,004	102,731	79,350	3,037	82,387
May	100,478	3,902	104,380	83,239	3,248	86,487
June	101,417	3,728	105,145	83,842	3,336	87,178
July	101,580	3,558	105,138	85,259	3,352	88,611
August	95,951	3,305	99,256	79,031	3,227	82,258
September	102,464	3,228	105,692	87,663	3,594	91,257
October	103,988	3,312	107,300	87,406	3,637	91,043
November	103,271	3,219	106,490	88,669	3,660	92,329
December	101,682	3,117	104,799	89,840	3,577	93,417
Non-ferrous metal products:						
January	35,399	3,497	38,896	31,209	3,277	34,486
February	36,179	3,597	39,776	31,156	3,379	34,535
March	36,876	3,627	40,503	31,512	3,356	34,868
April	37,003	3,551	40,554	31,794	3,200	34,994
May	37,258	3,449	40,707	32,350	3,088	35,438
June	38,036	3,290	41,326	32,499	3,039	35,538
July	37,898	3,228	41,126	32,520	3,112	35,632
August	37,841	3,202	41,043	33,122	3,315	36,437
September	36,566	3,179	39,745	33,712	3,389	37,101
October	36,744	3,188	39,932	34,342	3,526	37,868
November	36,763	3,120	39,883	34,657	3,576	38,233
December	36,574	2,954	39,528	34,882	3,320	38,202
Electrical apparatus and supplies:						
January	36,256	13,816	50,072	30,807	11,653	42,460
February	36,515	13,877	50,392	31,256	11,561	42,817
March	36,991	14,471	51,462	31,670	11,642	43,312
April	37,216	14,677	51,893	31,967	11,844	43,811
May	37,317	14,603	51,920	32,313	11,901	44,214
June	37,553	14,393	51,946	32,943	11,993	44,936
July	36,540	14,029	50,569	33,139	12,141	45,280
August	36,209	13,598	49,807	33,553	12,699	46,252
September	36,232	13,346	49,578	34,257	13,209	47,466
October	35,692	12,673	48,365	34,772	13,639	48,411
November	35,487	12,331	47,818	35,137	13,784	48,921
December	34,962	11,619	46,581	34,822	13,347	48,169
Non-metallic mineral products:						
January	22,642	2,057	24,699	19,978	1,732	21,710
February	22,742	2,189	24,931	20,210	1,764	21,974
March	23,263	2,231	25,494	20,456	1,795	22,251
April	23,842	2,249	26,091	21,375	1,816	23,191
May	24,892	2,082	26,974	22,834	1,795	24,629
June	25,474	2,116	27,590	23,839	1,809	25,648
July	25,779	2,118	27,897	24,466	1,904	26,370
August	25,393	2,077	27,470	24,416	1,962	26,378
September	25,076	1,903	26,979	24,111	1,967	26,078
October	24,312	1,831	26,143	23,986	2,052	26,038
November	23,712	1,903	25,615	23,700	2,074	25,774
December	22,430	1,812	24,242	22,741	1,998	24,739

TABLE 26. Wage-Earners Employed in the Manufacturing Industries, by Months, Sex and Industrial Groups, 1950 and 1951 — Concluded

Group and Month	1951			1950		
	Male	Female	Total	Male	Female	Total
	Number					
Products of petroleum and coal:						
January	9,992	58	10,050	10,242	78	10,320
February	9,972	63	10,035	10,127	77	10,204
March	10,119	63	10,182	10,134	83	10,217
April	10,409	64	10,473	10,188	88	10,276
May	10,490	67	10,557	10,353	87	10,440
June	10,565	71	10,636	10,508	88	10,596
July	10,710	75	10,785	10,592	90	10,682
August	10,692	76	10,768	10,556	89	10,645
September	10,611	78	10,689	10,435	85	10,520
October	10,772	78	10,850	10,435	83	10,518
November	10,680	70	10,750	10,358	78	10,436
December	10,669	70	10,739	10,281	75	10,356
Chemicals and allied products:						
January	23,187	5,246	28,433	20,835	4,961	25,796
February	23,354	5,369	28,723	21,143	4,944	26,087
March	23,686	5,515	29,201	21,443	4,971	26,414
April	24,224	5,595	29,819	21,642	5,020	26,662
May	24,811	5,559	30,340	21,959	5,090	27,049
June	24,895	5,639	30,534	21,974	5,174	27,148
July	24,947	5,393	36,340	22,039	5,187	27,226
August	25,118	5,501	30,619	22,056	5,207	27,263
September	24,839	5,717	30,556	21,882	5,243	27,125
October	24,686	5,759	30,445	22,095	5,407	27,502
November	24,823	5,509	30,332	22,033	5,367	27,400
December	24,761	5,348	30,109	21,872	5,091	26,963
Miscellaneous industries:						
January	13,514	8,945	22,459	12,282	8,249	20,571
February	13,707	9,171	22,878	12,401	8,464	20,865
March	13,870	9,323	23,193	12,300	8,527	20,827
April	13,840	9,252	23,092	12,255	8,565	20,820
May	13,782	8,979	22,761	12,505	8,463	20,968
June	13,805	8,771	22,576	12,686	8,390	21,076
July	13,647	8,482	22,129	12,636	8,174	20,810
August	13,635	8,641	22,276	12,951	8,725	21,676
September	13,532	8,862	22,394	12,930	9,160	22,090
October	13,383	8,821	22,204	12,971	9,424	22,395
November	13,035	8,342	21,377	13,022	9,421	22,443
December	12,594	7,687	20,281	12,700	8,779	21,479

Subsection 3. Hours worked in Manufacturing Industries

Hours Worked by Wage-Earners. From 1932, the first year for which figures on hours worked per week by wage-earners are available, to 1945, each firm was required to report the number of hours worked by all its wage-earners during the month in which the greatest number had been employed, the only exception being the years 1938 and 1939 when one week in a month of normal employment was reported. In 1938 the number of hours worked per week were compiled by sex, and a change was also made in the analysis of the weekly hours worked. Since 1940 the hours worked per week include overtime while prior to that overtime was excluded. These changes make it impossible to measure accurately the changes in the number of hours worked per week. In any case, the figures in Table 27 do not refer to any particular month, since the month of highest employment might be May for one firm and October for another; they represent the summation of the different months of highest employment as reported by all firms. For a given industry, however, the month of highest employment is more significant as in this case it coincides for a great number of firms engaged in the same industry.

For all wage-earners, the hours worked per week declined from 48.9 in 1932 to 47.2 in 1939, and reached 50.6 in 1941, some of the increase no doubt being due to the inclusion of overtime. Since then there was a counter movement in the hours worked, especially among females, due to the employment of many workers on a part-time basis. Whereas in 1939 there were only 2.8 p.c. of male and 5.3 p.c. of female wage-earners working under 30 hours per week, in 1944 these percentages rose to 5.3 and 12.5 respectively. Since the end of the war the normal working week has been dropping steadily. In 1945 average hours per week for male wage-earners totalled 47.6 and for females 42.7.

The method of collecting statistics on hours worked was changed in 1946. Instead of collecting this information for one week in the month of highest employment which varied from plant to plant, the last week of November was chosen for the base period. The question on hours worked was taken out of the annual schedules used in connection with the census of manufactures and this information is now collected by the Employment Statistics Section. Establishments employing 15 hands or over only are covered. The statistics for 1946 to 1951 are, therefore, not exactly comparable with those for earlier years which include all establishments, both large and small.

Persons employed in 1950 were classified on the basis of earnings per week instead of hours worked. For this reason the distribution of employees by hours worked per week is not available. It is the intention in future to classify employees one year on the basis of hours worked, the second year on the basis of weekly earnings, while in the third year no break-down of either the hours worked or weekly earnings will be collected. Instead a more detailed break-down of salaried employees into (a) managerial and professional and (b) office workers will be requested.

Salaried employees as a rule work shorter hours than wage-earners as the following figures for 1951 indicate.

	Wage-Earners	Salaried Employees
Both sexes	42.0	39.5
Male	43.0	40.0
Female	37.9	38.2

TABLE 27. Wage-Earners in Manufacturing, Working Specified Numbers of Hours per Week in the Month of Highest Employment, 1938-45[1]

Note. Hours worked per week in 1932-37 are given at p. 396 of the 1942 edition of the Canada Year Book; in 1940 at p. 386 of the 1943-44 edition.

Hours Worked per Week	1938	1939	1942	1943	1944	1945
	p.c.					
All Wage-Earners:						
30 or less	4.1	3.4	4.3	6.2	7.4	7.4
31-43	16.9	14.6	8.6	10.7	12.7	16.2
44	14.3	13.8	7.7	7.4	9.5	12.1
45-47	11.3	10.9	7.0	8.3	9.1	10.8
48	20.7	22.2	21.4	20.5	20.6	21.4
49-50	10.6	11.2	9.2	9.6	9.8	9.8
51-54	6.7	7.9	12.9	12.5	10.8	8.4
55	3.5	4.1	5.6	5.2	4.4	3.2
56-64	10.4	10.4	16.9	14.6	11.8	7.6
65 or over	1.5	1.5	6.4	5.0	3.9	3.1
	100.0	100.0	100.0	100.0	100.0	100.0
Average Hours per Week	**46.7**	**47.2**	**50.2**	**48.8**	**47.5**	**46.2**
Male Wage-Earners:						
30 or less	3.4	2.8	3.6	4.6	5.3	5.4
31-43	16.6	14.2	7.0	7.9	9.8	13.1
44	13.1	12.7	6.9	6.2	9.0	11.7
45-47	10.5	10.0	5.6	7.2	7.9	9.8
48	21.3	22.8	21.7	21.5	21.5	22.9
49-50	10.0	10.6	8.4	8.8	9.5	10.0
51-54	7.4	8.2	12.6	13.2	11.9	9.5
55	3.6	4.4	5.8	5.7	5.0	3.8
56-64	12.3	12.5	20.4	18.3	15.1	9.7
65 or over	1.8	1.8	8.0	6.6	5.0	4.1
	100.0	100.0	100.0	100.0	100.0	100.0
Average Hours per Week	**47.3**	**48.1**	**51.3**	**50.4**	**49.1**	**47.6**
Female Wage-Earners:						
30 or less	6.7	5.3	6.2	10.0	12.5	12.3
31-43	17.9	15.8	13.0	17.6	20.1	23.8
44	18.3	17.8	9.9	10.3	10.8	13.2
45-47	14.2	13.9	11.1	11.2	12.2	13.2
48	18.8	20.4	20.8	18.2	18.4	17.7
49-50	12.6	13.2	11.5	11.6	10.5	9.1
51-54	4.5	6.6	13.5	10.7	8.2	5.7
55	3.1	3.5	4.9	4.0	2.9	1.9
56-64	3.5	3.2	7.2	5.3	3.4	2.4
65 or over	.4	.3	1.9	1.1	1.0	.7
	100.0	100.0	100.0	100.0	100.0	100.0
Average Hours per Week	**44.6**	**45.2**	**46.9**	**44.8**	**43.6**	**42.7**

1. For 1938 and 1939, the hours worked do not include overtime, while for 1940 to 1945 overtime is included.

TABLE 28. Wage-Earners in Manufacturing Working Specified Numbers of Hours During the Last Week in November, 1946-49[1]

Hours Worked per Week	1946	1947	1948	1949
		p.c.		
All Wage-Earners:				
30 or less	6.7	6.7	6.1	6.3
31-34	10.8	2.9	3.0	3.1
35-39		7.8	8.4	8.5
40	9.9	12.2	13.2	15.3
41-43	11.5	10.6	10.9	11.1
44	10.3	8.5	9.3	8.6
45-47	18.2	18.7	18.9	18.8
48	13.7	12.9	11.8	10.7
49-50	6.6	6.5	6.1	5.7
51-53	5.4	4.3	4.0	3.9
54		1.3	1.3	1.2
55-64	6.0	6.5	6.0	5.9
65 or over	0.9	1.1	1.0	0.9
	100.0	100.0	100.0	100.0
Average Hours per Week	**43.7**	**43.7**	**43.6**	**43.3**
Male Wage-Earners:				
30 or less	4.7	4.6	4.4	4.3
31-34	8.0	2.1	2.2	2.3
35-39		6.1	6.4	6.7
40	9.6	11.9	12.9	15.5
41-43	10.6	9.2	9.9	10.4
44	10.7	8.7	9.7	8.8
45-47	18.8	19.7	19.4	19.2
48	15.8	15.0	13.9	12.5
49-50	7.1	7.0	6.6	6.3
51-53	6.3	4.9	4.6	4.4
54		1.6	1.5	1.3
55-64	7.3	7.8	7.3	7.1
65 or over	1.1	1.4	1.2	1.2
	100.0	100.0	100.0	100.0
Average Hours per Week	**44.9**	**44.9**	**44.7**	**44.4**
Female Wage-Earners:				
30 or less	13.1	13.7	12.2	12.8
31-34	19.7	5.5	5.6	5.8
35-39		13.6	15.0	14.6
40	10.8	13.4	14.1	14.8
41-43	14.6	15.0	14.5	13.3
44	8.9	7.8	7.9	7.9
45-47	16.1	15.9	17.4	17.5
48	7.1	5.7	5.1	4.5
49-50	5.0	4.9	4.1	3.9
51-53	2.5	2.0	2.0	2.3
54		0.5	0.5	0.5
55-64	2.1	1.9	1.5	2.0
65 or over	0.1	0.1	0.1	0.1
	100.0	100.0	100.0	100.0
Average Hours per Week	**40.0**	**39.7**	**39.8**	**39.8**

1. Includes only establishments employing 15 hands or over. Information not collected in 1950 and 1951.

TABLE 29. Average Hours Worked per Week in the Manufacturing Industries of Canada, by Provinces, 1946-51[1]

(Hours worked by wage-earners from 1938 to 1945 are given on page 53 of the 1950 General Review of the Manufacturing Industries of Canada)

Province and Year	Wage-earners			Salaried employees		
	All wage-earners	Male	Female	All salaried employees	Male	Female
	Number					
Canada:						
1946	43.7	44.9	40.0	41.1	42.0	39.5
1947	43.7	44.9	39.7	40.4	41.2	38.9
1948	43.6	44.7	39.8	40.3	41.1	38.8
1949	43.3	44.4	39.8	40.1	40.8	38.6
1950	43.5	44.6	40.0	39.7	40.2	38.4
1951	42.0	43.0	37.9	39.5	40.0	38.2
Newfoundland:						
1950	46.9	47.7	41.9	42.6	43.5	39.9
1951	45.5	46.1	40.5	43.0	43.3	42.0
Prince Edward Island:						
1946	46.3	46.9	45.0	—	—	—
1947	45.3	47.0	40.3	—	—	—
1948	45.8	46.7	42.6	—	—	—
1949	47.7	48.1	46.8	—	—	—
1950	44.0	46.0	39.2	41.0	41.0	41.1
1951	45.9	46.4	44.4	43.4	44.3	41.3
Nova Scotia:						
1946	45.7	46.0	43.6	43.1	44.1	40.7
1947	45.8	46.2	43.4	41.9	42.6	40.0
1948	45.8	46.0	44.5	41.7	42.4	39.9
1949	44.5	44.8	42.6	40.5	40.9	39.6
1950	44.8	45.0	43.7	40.8	41.0	40.1
1951	43.3	43.4	42.9	41.7	42.3	40.2
New Brunswick:						
1946	46.0	46.7	42.9	43.2	44.3	40.9
1947	45.4	46.6	40.3	43.6	44.6	41.2
1948	46.1	47.0	41.9	42.7	43.8	40.4
1949	45.4	46.9	41.3	42.8	43.8	40.6
1950	45.0	46.3	39.3	42.0	43.0	39.6
1951	44.3	45.5	39.1	41.8	42.6	40.1
Quebec:						
1946	45.4	47.1	41.2	41.5	42.5	39.6
1947	45.4	47.1	40.7	40.6	41.3	39.1
1948	45.2	46.8	40.9	40.6	41.4	39.0
1949	44.5	46.3	40.2	40.4	41.1	38.8
1950	44.9	46.7	40.6	39.8	40.5	38.4
1951	43.0	44.8	37.8	39.7	40.3	38.1
Ontario:						
1946	42.8	44.0	38.8	40.5	41.3	39.2
1947	43.0	44.2	38.8	40.0	40.8	38.6
1948	42.9	43.9	38.9	39.8	40.6	38.4
1949	42.8	43.8	39.4	39.7	40.4	38.3
1950	43.0	44.0	39.5	39.3	39.8	38.1
1951	41.6	42.4	37.9	39.0	39.5	37.9
Manitoba:						
1946	42.8	43.8	39.6	42.7	43.3	41.1
1947	43.4	44.5	39.7	41.7	42.2	40.4
1948	43.1	44.1	39.6	41.8	42.5	40.4
1949	43.4	44.5	39.7	41.3	41.9	39.9
1950	43.6	44.6	40.0	40.9	41.3	39.8
1951	41.6	42.4	38.4	40.3	40.5	39.6
Saskatchewan:						
1946	44.0	44.3	41.2	42.9	43.7	41.3
1947	43.3	43.8	40.3	42.1	43.0	41.0
1948	43.0	43.6	39.0	41.9	42.4	41.1
1949	42.4	42.9	39.2	42.2	42.7	41.1
1950	42.4	42.8	39.1	42.1	42.5	41.3
1951	41.4	41.8	38.6	41.3	41.6	40.9
Alberta:						
1946	43.2	43.5	41.6	42.9	43.6	41.5
1947	43.7	44.1	41.8	42.4	43.0	41.0
1948	43.3	43.8	40.7	42.5	43.2	40.7
1949	43.5	43.9	40.7	42.2	42.8	40.6
1950	42.6	43.0	39.7	41.3	41.7	39.8
1951	41.3	41.6	38.6	41.3	41.6	40.3
British Columbia:						
1946	41.2	41.5	39.2	41.9	42.4	40.6
1947	40.4	40.4	38.4	40.6	41.0	39.7
1948	40.3	40.6	38.0	40.6	41.0	39.5
1949	40.1	40.5	37.2	40.4	40.7	39.6
1950	40.2	40.5	37.8	39.9	40.2	39.0
1951	39.1	39.5	35.9	40.0	40.2	39.1

1. Prior to 1946 the figures refer to the week of highest employment and cover all establishments while for 1946 and 1947 they refer to the last week in November and for 1949 to 1951 the last week in October for establishments employing 15 hands and over only.

TABLE 30. Average Hours Worked per Week in the Manufacturing Industries of Canada, by Industrial Group, 1946-51

Group and year	Wage-earners			Salaried employees		
	All wage-earners	Male	Female	All salaried employees	Male	Female
	Number					
Foods and beverages:						
1946	43.9	45.7	38.8	42.2	43.2	40.3
1947	44.1	46.1	38.6	41.2	42.0	39.7
1948	44.0	45.9	38.8	41.4	42.4	39.4
1949	44.3	46.2	39.4	41.2	42.1	39.4
1950	43.8	45.7	39.0	40.9	41.5	39.3
1951	43.4	45.0	39.0	40.5	41.1	39.1
Tobacco and tobacco products:						
1946	42.9	45.6	41.4	41.3	42.1	40.4
1947	42.1	44.8	40.6	40.4	41.1	39.2
1948	42.5	45.0	41.2	40.2	40.8	39.3
1949	43.6	45.6	42.6	40.0	40.5	39.2
1950	41.5	43.0	40.7	38.4	38.6	37.9
1951	41.5	43.8	40.0	37.3	37.5	36.8
Rubber products:						
1946	44.8	45.6	42.3	40.4	40.9	39.2
1947	43.7	44.3	41.8	39.3	39.7	38.4
1948	43.4	44.3	40.8	39.2	39.7	38.2
1949	42.3	42.8	40.9	39.2	39.7	38.2
1950	43.6	44.2	41.8	39.6	40.1	38.5
1951	41.4	42.0	39.5	38.3	38.4	38.0
Leather products:						
1946	42.5	43.9	40.6	43.1	44.5	40.3
1947	41.0	42.2	39.2	41.9	43.2	39.1
1948	41.0	42.0	39.5	41.4	42.5	39.2
1949	40.1	41.3	38.4	41.5	42.6	39.2
1950	40.4	41.8	38.6	41.2	42.2	39.2
1951	37.6	38.7	36.0	40.2	41.2	38.1
Textile products (except clothing):						
1946	43.8	46.6	41.3	41.5	42.6	39.4
1947	44.5	46.5	41.6	41.2	42.1	39.4
1948	44.4	46.4	41.5	41.0	42.1	39.2
1949	44.6	46.4	41.8	41.0	41.9	39.2
1950	44.7	46.3	42.1	40.2	40.9	38.7
1951	40.4	42.0	37.7	39.8	40.5	38.4
Clothing (textile and fur):						
1946	41.0	44.8	38.7	41.5	42.7	39.8
1947	39.7	42.9	38.4	40.8	42.0	39.2
1948	40.1	42.6	39.0	40.9	42.2	39.4
1949	39.2	41.6	38.2	40.6	41.7	39.1
1950	40.1	42.6	39.0	40.0	40.9	38.7
1951	36.7	38.8	35.8	39.5	40.4	38.3
Wood products:						
1946	45.1	45.4	41.3	43.7	45.2	40.2
1947	44.0	44.2	40.4	42.6	43.8	39.6
1948	44.0	44.2	40.8	42.4	43.6	39.3
1949	44.1	44.3	40.6	42.4	43.5	39.4
1950	44.1	44.3	41.0	41.7	42.6	39.2
1951	42.9	43.0	40.6	41.5	42.5	38.7
Paper products:						
1946	47.1	48.2	41.0	40.9	41.6	39.4
1947	47.2	48.1	41.4	39.9	40.4	38.6
1948	47.2	48.0	41.3	40.2	40.7	38.7
1949	47.1	47.9	41.9	39.9	40.4	38.4
1950	47.5	48.3	42.1	39.1	39.6	37.8
1951	46.5	47.2	40.9	38.9	39.3	38.0
Printing, publishing and allied industries:						
1946	42.0	43.3	38.5	39.9	40.6	39.0
1947	41.1	42.2	38.1	39.5	40.0	38.7
1948	40.9	42.0	37.8	39.0	39.4	38.3
1949	41.0	41.8	38.3	38.7	39.2	37.8
1950	40.4	41.2	37.9	38.2	38.3	38.0
1951	40.0	40.6	38.0	38.2	38.5	37.8
Iron and steel products:						
1946	44.8	45.0	41.8	40.9	41.5	39.3
1947	45.1	45.3	41.6	40.2	40.8	38.6
1948	44.8	45.0	41.6	40.1	40.7	38.6
1949	43.6	43.7	41.5	39.8	40.3	38.4
1950	44.0	44.1	41.4	39.5	39.9	38.3
1951	42.5	42.7	39.8	39.1	39.6	37.9
Transportation equipment:						
1946	42.3	42.4	40.3	42.2	42.8	40.5
1947	43.6	43.7	40.9	41.1	41.6	39.7
1948	43.2	43.2	40.7	41.6	42.1	40.2
1949	42.9	43.0	39.6	41.5	41.9	40.1
1950	43.8	43.9	40.2	41.4	41.8	39.8
1951	42.1	42.2	38.7	41.0	41.3	39.9

TABLE 30. Average Hours Worked per Week in the Manufacturing Industries of Canada, by Industrial Group, 1946-51 — Concluded

Group and year	Wage-earners			Salaried employees		
	All wage-earners	Male	Female	All salaried employees	Male	Female
	Number					
Non-ferrous metal products:						
1946	44.0	44.5	40.9	41.6	42.4	40.1
1947	44.1	44.6	40.3	40.9	41.6	39.2
1948	43.9	44.3	40.7	41.0	41.7	39.1
1949	44.4	44.6	41.8	40.9	41.8	38.8
1950	44.2	44.5	41.5	39.9	40.6	38.3
1951	41.8	42.0	40.0	39.6	40.2	38.1
Electrical apparatus and supplies:						
1946	41.9	42.7	40.3	39.6	40.1	38.6
1947	42.6	43.5	40.7	39.9	40.6	38.6
1948	41.8	42.6	39.5	39.0	39.3	38.3
1949	42.1	42.8	40.3	39.0	39.3	38.3
1950	42.4	43.3	40.2	38.6	38.8	38.0
1951	41.5	42.5	38.7	38.8	39.3	37.6
Non-metallic mineral products:						
1946	46.1	46.6	42.0	41.4	42.3	39.2
1947	46.4	46.8	43.5	40.9	41.3	40.0
1948	46.4	46.8	42.8	40.5	41.3	38.2
1949	46.0	46.4	41.8	39.9	40.8	37.8
1950	46.4	46.8	41.6	39.7	40.3	38.0
1951	45.0	45.3	40.2	39.3	39.9	37.6
Products of petroleum and coal:						
1946	41.9	42.0	—	39.5	39.9	38.2
1947	42.1	42.1	—	38.8	39.1	37.3
1948	42.1	42.1	—	38.2	38.5	37.1
1949	41.9	41.9	—	38.0	38.6	36.1
1950	41.3	41.3	—	36.7	37.4	34.1
1951	41.4	41.4	—	38.4	38.7	37.1
Chemicals and allied products:						
1946	44.4	45.3	41.0	39.5	40.0	38.8
1947	43.8	44.7	40.2	39.0	39.5	38.3
1948	44.0	44.9	40.4	38.8	39.3	38.0
1949	44.3	45.1	40.8	38.7	39.2	37.8
1950	43.4	44.1	40.1	38.3	38.8	37.5
1951	42.7	43.3	39.6	38.6	38.9	38.0
Miscellaneous industries:						
1946	42.9	43.9	41.0	43.1	41.9	38.7
1947	42.3	43.7	39.7	41.9	41.2	38.6
1948	42.3	43.6	40.4	41.7	41.2	38.2
1949	42.8	44.2	40.7	40.5	41.1	37.6
1950	42.8	44.3	40.6	40.0	41.0	38.4
1951	41.8	43.3	39.5	38.9	40.1	37.0

Subsection 4. Salaries and Wages in Manufacturing Industries

In 1951, the 37,021 establishments covered employed 247,787 salaried employees and 1,010,588 wage-earners, a total of 1,258,375 persons. Out of every 1,000 persons employed in manufacturing, 197 were classed as salary earners and 803 as wage-earners; the former earned 25 p.c. and the latter 75 p.c. of the total amount paid out as remuneration for services.

A notable feature during the past few years was the reduction in the disparity between average annual salaries and wages. Whereas in 1939 average annual wages were only 56 p.c. of average annual salaries, in 1943 the percentage rose to 76, it declined to 69 in 1947 and rose to 74 in 1951. This tendency towards equalization was due, in part, to the controls adopted by the Government during the war years which tended to stabilize salaries more so than wages. The increase in average wages was also influenced by the fact that large numbers of wage-earners were employed in the highly paid iron and steel industries and by the increase in number of hours worked, some of it at overtime pay.

Ontario has a larger proportion of females among its salaried employees than the other provinces. The same situation prevails in Quebec with regard to wage-earners, due, no doubt, to the textile industries of the Province. The importance of the textile industries in providing employment to females is strikingly illustrated by the fact that of all female wage-earners engaged in the manufacturing industries of Canada in 1951, 44 p.c. were found in the textile and clothing groups.

The average salary in 1951 amounted to $3,296 which was $1,550 or 89 p.c. higher than in 1939. Salaried employees in Ontario with $3,489 were the highest paid. Those in Quebec were second with $3,241, British Columbia third with $3,174 and Manitoba fourth with $3,050. The fact that head offices of many large corporations are located in Montreal, Toronto, Winnipeg and Vancouver tends to raise the average salaries in the provinces in which these cities are located.

The average wage in 1951 amounted to $2,434 which was $1,459 or 150 p.c. higher than in 1939. The manufacturing industries of British Columbia paid the highest average wage of $2,723, displacing Newfoundland which in 1950 occupied the premier position. The lowering of the average wage in Newfoundland was due to the inclusion for the first time of fish processing which is a seasonal industry and therefore has a low annual wage. Ontario with $2,602 was in second place, followed by Saskatchewan with $2,363, Newfoundland $2,350, Alberta $2,323, etc. The high figures shown for Yukon and the Northwest Territories in regard to average wages are due to the unusual conditions under which industry is carried on in these regions and are not representative. Statistics of the distribution of employees by provinces and groups as well as average annual earnings are given in Table 31.

TABLE 31. Salaries and Wages Paid in the Manufacturing Industries, by Provinces and Industrial Groups, 1951, with Totals for Significant Years, 1917-50

Year	Salaries				Wages			
	Salaried employees		Total salaries	Average salaries	Wage-earners		Total wages	Average wages
	Male	Female			Male	Female		
	No.	No.	$	$	No.	No.	$	$
1917	64,918		85,353,667	1,315	541,605		412,448,177	762
1920	78,334		141,837,361	1,811	520,559		575,656,515	1,106
1922	71,586		129,836,831	1,814	384,670		359,560,399	935
1924	54,379	15,641	130,344,822	1,862	322,719	94,871	404,122,853	968
1926[1]	58,245	17,092	142,353,900	1,890	374,244	109,580	483,328,342	999
1929[1]	67,731	21,110	175,553,710	1,976	454,768	122,922	601,737,507	1,042
1930[1]	64,161	20,550	169,992,216	2,007	416,790	113,195	527,563,162	995
1931[2]	71,198	20,293	172,289,095	1,883	337,636	99,513	415,277,895	950
1932	68,264	18,786	151,355,790	1,739	288,817	92,966	322,245,926	844
1933	67,875	18,761	139,317,946	1,608	287,266	94,756	296,929,878	777
1934	71,963	20,132	148,760,126	1,615	326,598	101,119	355,090,929	830
1935	76,213	21,717	160,455,080	1,638	353,790	104,944	399,012,697	870
1936	81,409	23,008	173,198,057	1,659	379,977	109,965	438,873,377	896
1937	91,092	24,735	195,983,475	1,692	427,285	117,339	525,743,562	965
1938	95,270	25,319	207,386,381	1,719	409,172	112,255	498,282,208	956
1939	98,165	26,607	217,839,334	1,746	415,488	117,854	519,971,819	975
1940	104,267	31,493	241,599,761	1,780	491,439	135,045	679,273,104	1,084
1941	117,251	41,693	286,336,861	1,801	626,825	175,409	978,525,782	1,220
1942	123,125	54,062	334,870,793	1,890	732,319	242,585	1,347,934,049	1,383
1943	128,679	64,516	388,857,505	2,013	762,854	285,019	1,598,434,879	1,525
1944	126,858	65,700	418,065,594	2,171	744,635	285,689	1,611,555,776	1,564
1945	128,601	62,106	417,857,619	2,191	680,620	248,045	1,427,915,830	1,538
1946	127,002	54,004	410,875,776	2,270	662,699	214,451	1,329,811,478	1,516
1947	135,248	55,852	474,693,800	2,484	721,407	219,243	1,611,232,166	1,713
1948	141,038	57,192	532,594,959	2,687	738,721	218,770	1,876,773,231	1,960
1949	157,516	64,035	628,427,937	2,836	732,457	217,199	1,963,462,720	2,067
1950	164,475	66,578	692,633,349	2,998	736,477	215,767	2,078,634,086	2,183
Provinces, 1951								
Newfoundland	1,697	298	4,757,011	2,384	6,488	1,139	17,924,235	2,350
Prince Edward Island	362	92	778,604	1,715	906	375	1,680,949	1,312
Nova Scotia	3,662	1,004	11,664,070	2,500	22,446	3,400	52,311,684	2,024
New Brunswick	2,709	880	9,893,725	2,757	17,296	3,620	43,653,157	2,087
Quebec	57,222	21,843	256,228,103	3,241	245,869	92,248	749,373,577	2,216
Ontario	85,433	38,404	432,056,989	3,489	378,862	96,734	1,237,329,993	2,602
Manitoba	5,709	2,072	23,729,367	3,050	25,992	7,686	76,441,599	2,270
Saskatchewan	2,183	813	7,322,831	2,444	7,050	977	18,967,463	2,363
Alberta	5,001	1,457	16,521,056	2,558	19,556	3,091	52,614,531	2,323
British Columbia	12,939	3,971	53,668,749	3,174	67,826	8,911	208,957,534	2,723
Yukon and Northwest Territories	26	10	94,099	2,614	103	13	311,591	2,686
Canada Totals, 1951	**176,943**	**70,844**	**816,714,604**	**3,296**	**792,394**	**218,194**	**2,459,566,313**	**2,434**
Industrial Groups, 1951								
Foods and beverages	24,423	9,803	100,673,433	2,941	103,254	35,013	292,186,002	2,113
Tobacco and tobacco products	943	533	5,408,847	3,665	3,317	5,033	19,029,371	2,279
Rubber products	3,762	1,524	17,767,922	3,361	13,585	4,183	46,589,774	2,622
Leather products	2,917	1,188	13,398,095	3,264	16,077	11,396	46,270,669	1,684
Textile products (Except clothing)	7,360	3,748	40,597,090	3,655	44,402	26,200	144,433,399	2,046
Clothing (Textile and fur)	9,759	6,066	53,405,045	3,375	30,972	68,936	168,959,902	1,691
Wood products	20,208	3,030	52,278,571	2,250	102,972	5,068	230,783,503	2,136
Paper products	10,213	3,902	61,238,472	4,338	60,115	8,659	215,282,534	3,130
Printing, publishing and allied industries	15,005	9,269	66,737,821	2,749	31,469	8,951	104,090,909	2,575
Iron and steel products	25,691	9,106	126,490,198	3,635	140,730	7,796	420,824,417	2,833
Transportation equipment	14,913	4,562	72,702,273	3,733	99,461	3,581	295,404,160	2,867
Non-ferrous metal products	7,186	2,684	35,379,886	3,585	36,923	3,321	115,353,818	2,866
Electrical apparatus and supplies	12,401	5,164	60,924,133	3,468	36,435	13,626	153,824,905	2,673
Non-metallic mineral products	3,904	1,390	17,453,958	3,297	24,176	2,052	68,625,014	2,616
Products of petroleum and coal	3,820	1,234	18,506,609	3,662	10,473	71	33,441,281	3,172
Chemicals and allied products	10,282	5,395	52,970,452	3,379	24,477	5,510	78,339,699	2,612
Miscellaneous industries	4,156	2,246	20,781,799	3,246	13,556	8,798	46,126,956	2,063

1. The averages of wage-earners and earnings for the years 1931 to 1951 are strictly comparable with those for the years up to 1925 but not with those for the intervening years. The figures for the latest years—as for the earliest—represent the earnings for complete man-years of work, with no allowance for periods of unemployment. The difference amounts only to about 3 or 4 p.c. in the total figures and affects chiefly the seasonal industries.

2. The increase in the number of salaried employees in 1931 is due to the following changes in method: 1. Prior to 1931 working proprietors, such as bakers, sawmill operators, small clothing manufacturers, etc., were required to report themselves as wage-earners. In 1931 and subsequent years, however, all such proprietors reported themselves as salaried employees. 2. In 1931 travelling salesmen who were attached to the plant, and devoted all or the greater part of their time to selling the products of that plant, were included with salaried employees. Prior to this they were not reported at all.

Average Annual Earnings in the Forty Leading Industries. In 1951 there were 35 industries with average salaries of $3,000 or over, as compared with 31 industries in this range in 1950. Indicative of the rapidly changing pattern of remuneration in manufacturing is the fact that in 1945, the last year of the war, no industry paid average annual salaries of over $3,000. The highest average salary in that year was $2,935 reported by the brewing industry. The highest average salary in 1951, amounting to $4,688 was received by office and supervisory employees in the pulp and paper industry. In 1950 the premier position was occupied by the brewing industry with $4,455. Other industries paying $4,000 or more, in descending order, were as follows: breweries $4,376, motor vehicles $4,112, primary iron and steel $4,078 and bridge building and structural steel $4,062. In seventeen others they were between $3,500 and $4,000; in thirteen others they were between $3,000 and $3,500; while in the remaining five they were under $3,000. The sawmill and butter and cheese industries with $1,612 and $2,170 respectively, paid the lowest salaries.

The increase in average wages since 1945 paralleled that of salaries. Whereas in 1945 there were only four industries averaging over $2,000, in 1951 the number jumped thirty-four. In 1945 the highest average annual wage was $2,365 paid by the motor vehicle industry, while in 1951 the highest annual wage amounting to $3,531 was paid by the pulp and paper industry. The highest wages are usually paid by industries in which the proportion of skilled workers is high and the proportion of female workers is low. There were six industries in 1951 with average annual wages of $3,000 and over. These were: pulp and paper $3,531, petroleum products $3,303, non-ferrous metal smelting and refining $3,234, motor vehicles $3,146, primary iron and steel $3,135, and bridge building and structural steel $3,053. In nineteen industries average wages ranged between $2,500 and $3,000, in nine others they ranged between $2,000 and $2,500, while in the remaining six they were below $2,000. This latter group includes industries made up of a large number of small establishments and in which the proportion of female workers is high. Men's factory clothing, women's factory clothing, cotton yarn and cloth, sash, door and planing mills, leather footwear, and fruit and vegetable preparations are the industries included in this group. Employment by sex, and average annual earnings in the forty leading industries are given in Table 32.

TABLE 32. Salaries and Wages Paid in the Forty Leading Industries, 1951

Note. Industries ranked according to the aggregate salaries and wages paid

No.	Industry	Salaries				Wages			
		Salaried employees		Total salaries	Average wage	Wage-earners		Total wages	Average wage
		Male	Female			Male	Female		
		No.	No.	$	$	No.	No.	$	$
1	Pulp and paper	7,174	2,239	44,126,918	4,688	47,164	714	169,042,988	3,531
2	Sawmills	11,395	705	19,507,788	1,612	49,825	490	112,550,819	2,237
3	Primary iron and steel	3,128	978	16,744,000	4,078	28,884	403	91,817,802	3,135
4	Motor vehicles	4,245	1,413	23,267,271	4,112	24,500	321	78,075,503	3,146
5	Railway rolling stock	2,154	300	9,228,292	3,761	30,842	114	84,800,542	2,739
6	Printing and publishing	7,792	4,316	33,623,767	2,777	13,162	2,030	42,617,798	2,805
7	Machinery, heavy electrical	4,697	1,773	21,481,397	3,320	14,886	3,940	54,117,515	2,875
8	Non-ferrous metal smelting and refining	3,193	555	13,816,942	3,686	19,005	61	61,657,563	3,234
9	Machinery, industrial	4,477	1,754	22,026,229	3,535	15,595	500	45,260,684	2,812
10	Bread and other bakery products	3,656	1,209	11,920,659	2,450	20,773	6,614	55,195,260	2,015
11	Motor vehicles parts	2,390	957	12,855,397	3,841	15,369	2,481	52,427,766	2,937
12	Rubber goods	3,762	1,524	17,767,922	3,361	13,585	4,183	46,589,774	2,622
13	Clothing, men's, factory	2,665	1,500	14,751,945	3,542	8,831	19,736	47,564,221	1,665
14	Slaughtering and meat packing	3,502	1,208	16,824,332	3,572	13,363	2,841	45,284,543	2,795
15	Furniture	3,477	1,086	14,195,631	3,111	20,854	1,857	47,233,644	2,080
16	Miscellaneous electrical apparatus and supplies	3,775	1,628	18,713,133	3,463	11,128	4,726	41,976,958	2,648
17	Aircraft	4,122	1,363	19,417,203	3,540	13,365	348	40,141,114	2,927
18	Cotton yarn and cloth	1,327	916	8,265,512	3,685	16,376	9,013	50,469,321	1,988
19	Printing and bookbinding	3,795	1,729	17,150,131	3,105	12,466	5,223	40,068,214	2,265
20	Clothing, women's, factory	2,580	1,689	14,847,672	3,478	6,202	18,217	41,916,610	1,717
21	Agricultural implements	2,482	716	10,727,332	3,354	13,871	167	41,490,098	2,956
22	Castings, iron	1,549	591	8,371,382	3,912	14,977	345	43,757,031	2,856
23	Sheet metal products	2,498	957	12,778,709	3,699	12,211	1,771	36,258,643	2,593
24	Butter and cheese	3,746	1,630	11,665,107	2,170	14,542	982	35,116,443	2,262
25	Synthetic textiles and silk	2,300	978	11,692,668	3,567	10,651	4,068	33,001,070	2,242
26	Sash, door and planing mills	3,058	627	9,621,964	2,611	15,502	170	30,838,716	1,968
27	Shipbuilding	1,440	383	6,104,848	3,349	12,927	86	33,999,683	2,613
28	Hardware, tools and cutlery	1,873	941	9,785,622	3,477	9,729	1,746	29,694,712	2,588
29	Petroleum products	2,845	905	14,414,140	3,844	6,799	62	22,664,477	3,303
30	Footwear, leather	1,676	710	7,590,611	3,181	9,750	7,863	28,256,825	1,604
31	Boxes and bags, paper	1,364	704	8,148,190	3,940	6,451	4,865	24,086,979	2,129
32	Fruit and vegetable preparations	1,675	902	7,933,709	3,079	7,270	6,554	22,173,867	1,604
33	Brass and copper products	1,341	568	7,006,881	3,670	7,525	643	22,311,195	2,732
34	Miscellaneous iron and steel products	1,421	380	6,827,761	3,791	7,880	408	22,349,353	2,697
35	Bridge building and structural steel	1,621	357	8,035,027	4,062	6,578	52	20,243,399	3,053
36	Radios and radio parts	2,225	919	11,876,204	3,777	3,758	3,229	16,391,885	2,346
37	Breweries	1,442	399	8,056,046	4,376	6,504	104	19,433,263	2,941
38	Miscellaneous chemical products	2,097	858	10,317,357	3,491	5,491	1,291	16,654,156	2,456
39	Wire and wire products	1,174	502	6,341,636	3,784	6,384	799	20,487,617	2,852
40	Machinery, household, office and store	1,252	569	5,901,175	3,241	6,892	1,187	20,214,932	2,502
	Totals, leading industries	**122,385**	**43,438**	**553,728,510**	**3,339**	**581,867**	**120,204**	**1,788,232,983**	**2,549**
	Totals, all industries	**176,943**	**70,844**	**816,714,604**	**3,296**	**792,394**	**218,194**	**2,459,566,313**	**2,434**

Average Annual, Weekly and Hourly Earnings of Wage-Earners. In comparing earnings by provinces or groups, consideration should be given to the type of industries in each case since the distribution of industries has a very definite regional significance. In some industries a labour force possessing deftness and speed or the ability to exercise muscular strength is necessary, in others the labour force must exercise craftsmanship or possess a high degree of technical knowledge. Workers in the latter industries naturally command relatively higher wages than those employed in industries whose employees are routine workers.

The ranking of provinces and industries as regards annual earnings is in many cases different to that of weekly or hourly earnings since the factors of number of weeks worked per year and number of hours worked per week enter into the picture. So that, while in general the same observations apply, a close study of the differences between the averages shown in Tables 31 and 32 will be of value.

The figures for the years 1934 to 1945 given in Table 33 are based on an analysis of a pay-list covering one week in the month of highest employment. For this reason the figures do not refer to any particular month, since the month of highest employment might be May for one firm and October for another; they represent the summation of the different months of highest employment as reported by all the firms. For a particular industry, however, the month of highest employment is more significant as in such case it coincides for a great number of firms engaged in the same industry. The figures for 1946 and 1947 are based on returns received from establishments employing 15 hands or over and refer to the last week in the month of November, whereas for 1948-1951 they refer to the last week in the month of October.

Average weekly earnings of male wage-earners for manufacturing as a whole amounted to $56.46 in 1951, an increase of $34.23 or 154 p.c. as compared with 1939. Average hourly earnings advanced from 46.2 cents in 1939 to $1.31 in 1951, an increase of 184 p.c. Annual earnings at $2,693 were 150 p.c. higher.

Female wage-earners received on an average $31.27 per week in 1951, an increase of $18.49 or 141 p.c. Hourly earnings at 82.5 cents were 192 p.c. higher, while annual earnings at $1,492 were 141 p.c. higher.

The following table gives the weekly and hourly earnings of male and female wage-earners for each province and major industrial group for the year 1951.

For the method used in calculating average annual earnings for male and female wage-earners separately, see text preceding Table 36.

Average Weekly and Hourly Earnings of Male and Female Wage-Earners, by Provinces and Industrial Groups, 1951

Province and Industrial Group	Male earnings		Female earnings	
	Weekly	Hourly	Weekly	Hourly
	$	cents	$	cents
Provinces				
Newfoundland	56.80	123.2	18.51	45.7
Prince Edward Island	38.33	82.6	20.34	45.8
Nova Scotia	48.30	111.3	22.14	51.6
New Brunswick	51.42	113.0	26.86	68.7
Quebec	53.58	119.6	29.37	77.7
Ontario	58.60	138.2	33.66	88.8
Manitoba	53.21	125.5	29.07	75.7
Saskatchewan	51.58	123.4	32.69	84.7
Alberta	52.83	127.0	33.04	85.6
British Columbia	61.70	156.2	34.36	95.7
Canada	**56.46**	**131.3**	**31.27**	**82.5**
Industrial Group				
Foods and beverages	50.67	112.6	29.29	75.1
Tobacco and tobacco products	60.49	138.1	46.24	115.6
Rubber products	59.77	142.3	38.59	97.7
Leather products	39.71	102.6	24.95	69.3
Textile products (except clothing)	44.81	106.7	31.82	84.4
Clothing (textile and fur)	47.14	121.5	27.28	76.2
Wood products	48.98	113.9	34.47	84.9
Paper products	67.87	143.8	33.05	80.8
Printing, publishing and allied industries	61.87	152.4	29.11	76.6
Iron and steel products	59.95	140.4	39.16	98.4
Transportation equipment	58.66	139.0	42.45	109.7
Non-ferrous metal products	59.68	142.1	32.40	81.0
Electrical apparatus and supplies	61.24	144.1	41.41	107.0
Non-metallic mineral products	56.31	124.3	34.33	85.4
Products of petroleum and coal	67.32	162.6	–	–
Chemicals and allied products	57.03	131.7	31.64	79.9
Miscellaneous industries	48.93	113.0	31.01	78.5

TABLE 33. Average Annual, Weekly and Hourly Earnings of Wage-Earners, Employed in the Manufacturing Industries, 1934-51

Note. Butter and cheese factories and fish curing and packing plants are excluded in the years 1938 to 1945, while sawmills are also excluded in 1945. By including sawmills, weekly earnings in 1945 would have been about $34.35 for male wage-earners.

Year	All wage-earners			Male wage-earners			Female wage-earners		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	$	$	$	$	$	$	$	$	$
1934	830	18.30	0.372	930	20.31	0.407[1]	539	11.80	0.251[1]
1935	870	18.50	0.380	966	20.41	0.413[1]	570	12.04	0.259[1]
1936	896	18.96	0.389	995	20.92	0.423[1]	577	12.20	0.262[1]
1937	965	[2]	[2]	[2]	[2]	[2]	[2]	[2]	[2]
1938	956	19.49	0.417	1,055	21.49	0.454	594	12.10	0.271
1939	975	20.14	0.427	1,076	22.23	0.462	619	12.78	0.283
1940	1,084	22.35	0.446	1,202	24.82	0.488	655	13.52	0.286
1941	1,220	24.95	0.494	1,355	27.72	0.538	736	15.05	0.316
1942	1,383	28.18	0.561	1,558	31.75	0.619	854	17.41	0.371
1943	1,525	29.87	0.612	1,726	33.80	0.671	987	19.33	0.431
1944	1,564	31.05	0.654	1,761	34.95	0.712	1,051	20.89	0.479
1945	1,538	30.98	0.669	1,739	35.04	0.736	984	19.84	0.465
1946[3]	1,516	32.38	0.741	1,702	36.23	0.807	943	20.08	0.502
1947[3]	1,713	37.19	0.851	1,909	41.35	0.921	1,067	23.11	0.582
1948[3]	1,960	41.25	0.946	2,175	45.73	1.023	1,233	25.91	0.651
1949[3]	2,067	42.61	0.984	2,291	47.33	1.066	1,315	27.18	0.683
1950[3]	2,183	45.94	1.056	2,419	50.93	1.142	1,376	29.00	0.725
1951[3]	2,434	51.32	1.222	2,693	56.46	1.313	1,492	31.27	0.825

1. Estimated on the basis of hours worked by female wage-earners in 1938 and 1939 as compared with those worked by male wage-earners in those years.
2. Not available.
3. Prior to 1946 the figures refer to week of highest employment and cover all establishments while for 1946 and 1947 they refer to the last week in November and for 1949 to 1951 the last week in October for establishments employing 15 hands and over only.

TABLE 34. Average Annual, Weekly and Hourly Earnings of Wage-Earners in the Manufacturing Industries, by Provinces, 1946-51

(Statistics for the years 1938-45 are published on page 60 of the 1950 General Review of the Manufacturing Industries of Canada)

Province and Year	All wage-earners			Male			Female		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	$	$	cents	$	$	cents	$	$	cents
Newfoundland:									
1949[1]	2,392	—	—	—	—	—	—	—	—
1950	2,626	46.52	99.2	2,919	50.85	106.6	1,016	17.72	42.3
1951[2]	2,350	52.37	115.1	2,613	56.80	123.2	852	18.51	45.7
Prince Edward Island:									
1946	911	21.51	46.2	1,097	25.42	54.2	555	12.87	28.6
1947	976	24.75	54.6	1,131	28.01	59.6	613	15.19	37.7
1948	1,149	27.66	60.4	1,317	30.68	65.7	715	16.66	39.1
1949	1,145	29.76	62.4	1,323	33.96	70.6	718	18.45	39.6
1950	1,220	30.36	69.0	1,456	35.97	78.2	667	16.46	42.0
1951	1,312	34.10	74.3	1,521	38.33	82.6	808	20.34	45.8
Nova Scotia:									
1946	1,398	31.44	68.8	1,502	33.90	73.7	762	17.18	39.4
1947	1,461	34.58	75.5	1,584	37.47	81.1	744	17.62	40.6
1948	1,680	37.74	82.4	1,810	40.66	88.4	901	20.25	45.5
1949	1,810	39.56	88.9	1,959	42.87	95.7	911	19.94	46.8
1950	1,852	39.74	88.7	2,002	42.98	95.5	973	20.89	47.8
1951	2,024	44.77	103.4	2,179	48.30	111.3	998	22.14	51.6

TABLE 34. Average Annual, Weekly and Hourly Earnings of Wage-Earners in the Manufacturing Industries, by Provinces, 1946-51 – Continued

(Statistics for the years 1938-45 are published on page 60 of the 1950 General Review of the Manufacturing Industries of Canada)

Province and Year	All wage-earners			Male			Female		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	$	$	cents	$	$	cents	$	$	cents
New Brunswick:									
1946	1,390	30.54	66.4	1,528	33.58	71.9	781	17.16	40.0
1947	1,570	33.55	73.9	1,714	37.05	79.5	890	19.22	47.7
1948	1,741	38.03	83.5	1,915	41.55	88.4	1,015	22.04	52.6
1949	1,823	38.64	85.1	1,983	42.18	90.9	1,114	23.71	57.4
1950	1,865	40.68	90.4	2,035	44.45	96.0	1,099	24.01	61.1
1951	2,087	46.87	105.8	2,275	51.42	113.0	1,188	26.86	68.7
Quebec:									
1946	1,445	30.51	67.2	1,660	34.95	74.2	926	19.49	47.3
1947	1,601	34.82	76.7	1,830	39.66	84.2	1,016	22.02	54.1
1948	1,829	38.60	85.4	2,077	43.80	93.6	1,190	25.11	61.4
1949	1,907	39.61	89.0	2,171	45.19	97.6	1,246	25.93	64.5
1950	1,995	42.21	94.0	2,273	48.15	103.1	1,305	27.65	68.1
1951	2,216	47.26	109.9	2,528	53.58	119.6	1,385	29.37	77.7
Ontario:									
1946	1,552	33.26	77.7	1,738	37.09	84.3	963	20.53	52.9
1947	1,792	38.57	89.7	1,988	42.70	96.6	1,153	24.13	62.2
1948	2,060	42.86	99.9	2,273	47.10	107.3	1,300	26.92	69.2
1949	2,187	44.34	103.6	2,405	48.88	111.6	1,400	28.45	72.2
1950	2,328	48.46	112.7	2,560	53.33	121.2	1,472	30.69	77.7
1951	2,602	53.87	129.5	2,848	58.60	138.2	1,635	33.66	88.8
Manitoba:									
1946	1,491	31.16	72.8	1,662	34.51	78.8	949	19.72	49.8
1947	1,634	35.59	82.0	1,818	39.20	88.1	1,049	22.63	57.0
1948	1,833	39.22	91.0	2,042	43.48	98.6	1,144	24.35	61.5
1949	1,900	41.06	94.6	2,114	45.39	102.0	1,222	26.24	66.1
1950	2,013	43.73	100.3	2,234	48.30	108.3	1,276	27.56	68.9
1951	2,270	48.46	116.5	2,532	53.21	125.5	1,382	29.07	75.7
Saskatchewan:									
1946	1,455	32.78	74.5	1,531	34.11	77.0	1,007	22.45	54.5
1947	1,643	36.63	84.5	1,726	39.16	87.5	1,106	25.10	62.3
1948	1,916	40.12	93.3	2,022	42.12	96.6	1,252	26.09	66.9
1949	2,042	41.34	97.5	2,142	43.33	101.0	1,384	27.99	71.4
1950	2,115	43.71	103.1	2,217	45.58	106.5	1,419	29.17	74.6
1951	2,363	49.18	118.8	2,473	51.58	123.4	1,568	32.69	84.7
Alberta:									
1946	1,477	32.40	75.0	1,582	34.50	79.3	981	21.38	51.4
1947	1,657	36.81	84.2	1,758	39.07	88.6	1,136	25.25	60.4
1948	1,890	41.35	95.5	2,005	43.80	100.0	1,251	27.31	67.1
1949	2,025	43.80	100.7	2,137	46.01	104.8	1,385	29.83	73.3
1950	2,113	44.86	105.3	2,223	47.09	109.5	1,445	30.61	77.1
1951	2,323	50.39	122.0	2,449	52.83	127.0	1,531	33.04	85.6
British Columbia:									
1946	1,750	36.83	89.4	1,956	39.01	94.0	1,156	23.05	58.8
1947	1,934	41.55	103.6	2,045	43.55	107.8	1,229	26.19	68.2
1948	2,182	46.02	114.2	2,298	48.27	118.9	1,360	28.58	75.2
1949	2,282	47.36	118.1	2,410	49.82	123.0	1,381	28.57	76.8
1950	2,393	50.73	126.2	2,522	53.34	131.7	1,458	30.84	81.6
1951	2,723	58.65	150.0	2,871	61.70	156.2	1,599	34.36	95.7

TABLE 34. Average Annual, Weekly and Hourly Earnings of Wage-Earners in the Manufacturing Industries, by Provinces, 1946-51 — Concluded

(Statistics for the years 1938-45 are published on page 60 of the 1950 General Review of the Manufacturing Industries of Canada)

Province and Year	All wage-earners			Male			Female		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	$	$	cents	$	$	cents	$	$	cents
Yukon and Northwest Territories[1]									
1946	2,249	—	—	—	—	—	—	—	—
1947	2,152	—	—	—	—	—	—	—	—
1948	2,824	—	—	—	—	—	—	—	—
1949	2,502	—	—	—	—	—	—	—	—
1950	2,523	—	—	—	—	—	—	—	—
1951	2,686	—	—	—	—	—	—	—	—

1. Dash indicates that the information is not available.
2. The average annual earnings are calculated on the basis of the total amount of wages paid during the year as reported to census of industry, while the weekly earnings are based on an analysis of the pay-list for the last week in October and only cover establishments employing 15 hands or over. The drop in the average annual earnings is due in part to these factors as well as to the fact that in 1951 statistics for the processing of fish in Newfoundland were included with manufactures for the first time. As this is a seasonal industry annual earnings are, therefore, lower. In 1951 average annual earnings of wage-earners for both sexes for this industry averaged $1,151 as compared with $2,806 for the other industries of the province.

TABLE 35. Average Annual, Weekly and Hourly Earnings of Wage-Earners in the Manufacturing Industries, by Industrial Groups, 1946-51

Group and Year	All wage-earners			Male			Female		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	$	$	cents	$	$	cents	$	$	cents
Foods and beverages:									
1946	—	29.15	66.4	—	33.09	72.4	—	18.27	47.1
1947	—	33.87	76.8	—	38.45	83.4	—	21.04	54.5
1948	1,718	36.56	83.1	1,945	41.68	90.8	1,064	22.31	58.8
1949	1,817	38.45	86.8	2,046	43.98	95.2	1,140	24.51	62.2
1950	1,914	39.99	91.3	2,159	45.84	100.3	1,194	25.35	65.0
1951	2,113	44.79	103.2	2,371	50.67	112.6	1,370	29.29	75.1
Tobacco and tobacco products:									
1946	—	23.85	55.6	—	30.06	65.9	—	20.37	49.2
1947	—	27.37	65.0	—	34.63	77.3	—	23.43	57.7
1948	1,717	35.53	83.6	2,105	44.15	98.1	1,488	31.23	75.8
1949	1,882	38.63	88.6	2,258	46.74	102.5	1,662	34.42	80.8
1950	2,011	40.92	98.6	2,361	48.33	112.4	1,799	36.83	90.5
1951	2,279	51.75	124.7	2,657	60.49	138.1	2,030	46.24	115.6
Rubber products:									
1946	—	36.78	82.1	—	41.09	90.1	—	23.96	56.7
1947	—	40.07	91.7	—	44.43	100.3	—	27.17	65.0
1948	2,108	45.22	104.2	2,336	49.84	112.5	1,481	31.17	76.4
1949	2,138	43.36	102.6	2,353	47.68	111.4	1,520	30.80	75.3
1950	2,326	48.83	112.0	2,563	53.97	122.1	1,625	34.23	81.9
1951	2,622	54.69	132.1	2,861	59.77	142.3	1,848	38.59	97.7
Leather products:									
1946	—	25.03	58.9	—	29.85	68.0	—	18.11	44.6
1947	—	28.25	68.9	—	33.51	79.4	—	20.11	51.3
1948	1,428	30.22	73.7	1,684	35.57	84.7	1,054	22.28	56.4
1949	1,528	30.84	76.9	1,807	36.39	88.1	1,131	22.77	59.3
1950	1,562	32.80	81.2	1,850	38.96	93.2	1,149	24.20	62.7
1951	1,684	33.61	89.4	1,992	39.71	102.6	1,251	24.95	69.3
Textile products (except clothing):									
1946	—	24.13	55.1	—	28.33	60.8	—	19.87	48.1
1947	—	30.08	67.6	—	34.64	74.5	—	23.59	56.7
1948	1,707	34.10	76.8	1,946	38.93	83.9	1,349	26.98	65.0
1949	1,830	36.93	82.8	2,068	41.67	89.8	1,458	29.39	70.3
1950	1,909	39.38	88.1	2,141	44.17	95.4	1,527	31.49	74.8
1951	2,046	40.00	99.0	2,292	44.81	106.7	1,627	31.82	84.4
Clothing (textile and fur):									
1946	—	25.38	61.9	—	34.54	77.1	—	19.81	51.2
1947	—	26.92	67.8	—	39.17	91.3	—	21.81	56.8
1948	1,465	30.16	75.2	2,065	42.64	100.1	1,198	24.73	63.4
1949	1,542	30.46	77.7	2,170	43.31	104.1	1,261	25.17	65.9
1950	1,588	32.64	81.4	2,242	46.35	108.8	1,294	26.75	68.6
1951	1,691	33.21	90.5	2,383	47.14	121.5	1,380	27.28	76.2

TABLE 35. Average Annual, Weekly and Hourly Earnings of Wage-Earners in the Manufacturing Industries, by Industrial Groups, 1946-51 – Concluded

Group and Year	All wage-earners			Male			Female		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	$	$	cents	$	$	cents	$	$	cents
Wood products:									
1946	–	30.94	68.6	–	31.73	69.9	–	21.02	50.9
1947	–	35.24	80.1	–	35.98	81.4	–	24.20	59.9
1948	1,727	39.16	89.0	1,758	40.00	90.5	1,199	27.30	66.9
1949	1,836	40.40	91.6	1,869	41.20	93.0	1,256	27.69	68.2
1950	1,925	43.61	98.9	1,957	44.48	100.4	1,335	30.34	74.0
1951	2,136	48.18	112.3	2,166	48.98	113.9	1,525	34.47	84.9
Paper products:									
1946	–	36.97	78.5	–	40.20	83.4	–	18.94	46.2
1947	–	44.04	93.3	–	47.38	98.5	–	22.36	54.0
1948	2,431	49.09	104.0	2,616	52.42	109.2	1,248	24.99	60.5
1949	2,535	49.74	105.6	2,721	53.31	111.3	1,350	26.44	63.1
1950	2,709	54.15	114.0	2,906	57.77	119.6	1,444	28.71	68.2
1951	3,130	63.98	137.6	3,347	67.87	143.8	1,630	33.05	80.8
Printing, publishing and allied industries:									
1946	–	34.57	82.3	–	40.53	93.6	–	18.71	48.6
1947	–	38.47	93.6	–	44.77	106.1	–	21.15	55.5
1948	2,082	42.90	104.9	2,395	49.52	117.9	1,109	22.94	60.7
1949	2,239	47.19	115.1	2,550	53.59	128.2	1,221	25.66	67.0
1950	2,413	50.30	124.5	2,747	57.64	139.9	1,277	26.80	70.7
1951	2,575	54.24	135.6	2,917	61.87	152.4	1,374	29.11	76.6
Iron and steel products:									
1946	–	36.87	82.3	–	37.89	84.2	–	22.11	52.9
1947	–	41.85	92.8	–	42.99	94.9	–	26.33	63.3
1948	2,257	46.64	104.1	2,305	47.61	105.8	1,443	29.83	71.7
1949	2,401	48.05	110.2	2,445	48.94	112.0	1,597	31.96	77.0
1950	2,534	52.23	118.7	2,581	53.18	120.6	1,665	34.28	82.8
1951	2,833	58.86	138.5	2,886	59.95	140.4	1,885	39.16	98.4
Transportation equipment:									
1946	–	39.85	94.2	–	40.45	95.4	–	24.99	62.0
1947	–	44.75	102.6	–	45.27	103.6	–	30.51	74.6
1948	2,419	48.90	113.2	2,442	49.33	114.2	1,687	34.07	83.7
1949	2,465	50.54	117.8	2,494	51.08	118.8	1,706	34.93	88.2
1950	2,647	55.06	125.7	2,680	55.67	126.8	1,825	37.91	94.3
1951	2,867	58.18	138.2	2,895	58.66	139.0	2,096	42.45	109.7
Non-ferrous metal products:									
1946	–	35.51	80.7	–	37.78	84.9	–	20.90	51.1
1947	–	40.79	92.5	–	42.91	96.2	–	24.91	61.8
1948	2,251	45.26	103.1	2,350	47.45	107.1	1,349	27.23	66.9
1949	2,419	48.26	108.7	2,521	50.26	112.7	1,437	28.63	68.5
1950	2,516	50.34	113.9	2,619	52.51	118.0	1,490	29.88	72.0
1951	2,866	57.56	137.7	2,979	59.68	142.1	1,618	32.40	81.0
Electrical apparatus and supplies:									
1946	–	32.39	77.3	–	36.34	85.1	–	24.38	60.5
1947	–	39.11	91.8	–	43.28	99.5	–	30.04	73.8
1948	2,125	44.06	105.4	2,319	48.01	112.7	1,614	33.42	84.6
1949	2,288	46.10	109.5	2,493	50.38	117.7	1,740	35.18	87.3
1950	2,414	49.90	117.7	2,649	55.03	127.1	1,788	37.14	92.4
1951	2,673	56.03	135.0	2,932	61.24	144.1	1,982	41.41	107.0
Non-metallic mineral products:									
1946	–	32.78	71.1	–	34.11	73.2	–	21.97	52.3
1947	–	38.93	83.9	–	40.20	85.9	–	27.75	63.8
1948	2,080	43.20	93.1	2,138	44.46	95.0	1,443	30.00	70.1
1949	2,193	45.22	98.3	2,252	46.45	100.1	1,540	31.10	74.4
1950	2,338	48.72	105.0	2,408	50.26	107.4	1,500	31.32	75.3
1951	2,616	54.77	121.7	2,699	56.31	124.3	1,646	34.33	85.4
Products of petroleum and coal:									
1946	–	37.88	90.4	–	38.01	90.5	–	–	–
1947	–	44.02	104.6	–	44.06	104.7	–	–	–
1948	2,435	50.14	119.1	2,445	50.18	119.2	1,345	–	–
1949	2,602	52.54	125.4	2,613	52.58	125.5	1,435	–	–
1950	2,776	56.00	135.6	2,787	56.09	135.8	1,532	–	–
1951	3,172	67.15	162.2	3,181	67.32	162.6	1,750	–	–
Chemicals and allied products:									
1946	–	32.46	73.1	–	35.97	79.4	–	19.35	47.2
1947	–	37.14	84.8	–	40.90	91.5	–	21.99	54.7
1948	2,029	41.05	93.3	2,227	45.03	100.3	1,223	24.72	61.2
1949	2,194	43.28	97.7	2,404	47.40	105.1	1,334	26.32	64.5
1950	2,325	46.52	107.2	2,541	50.54	114.6	1,410	28.07	70.0
1951	2,612	52.78	123.6	2,845	57.03	131.7	1,579	31.64	79.9
Miscellaneous industries:									
1946	–	26.94	62.8	–	30.91	70.4	–	19.43	47.4
1947	–	31.18	73.7	–	35.75	81.8	–	22.67	57.1
1948	1,652	33.84	80.0	1,920	39.33	90.2	1,244	25.49	63.1
1949	1,718	35.14	82.1	2,006	41.38	93.4	1,292	26.66	65.5
1950	1,803	38.01	88.8	2,106	44.48	100.4	1,365	28.83	71.0
1951	2,063	41.63	99.6	2,411	48.93	113.0	1,529	31.01	78.5

Note: Average annual earnings cannot be calculated without a recompilation of the figures for 1946 and 1947 on the new standard classification basis.

Average Annual, Weekly and Hourly Earnings of Salaried Employees. Beginning with 1946 the survey on weekly earnings and hours worked by wage-earners was expanded to include salaries employees as well. The survey covers establishments employing 15 hands or over and refers to the last week in November for 1946 and 1947, and to the last week in October for 1948-50. Earnings and hours worked are reported for male and female wage-earners and salaried employees in 13 groups of hours ranging from 30 hours or less to 65 hours or more. The earnings reported for the week is the gross amount paid before deductions for income tax, unemployment insurance, etc. Weekly and hourly earnings as well as the hours worked are thus obtained directly from the tabulated results of the establishments covered. The annual earnings, however, have to be calculated as they are not directly obtained from the survey. To calculate annual earnings the results on weekly earnings are correlated with the results obtained through the annual Census of Industry. To illustrate the method used the following case will be used.

In 1949 the paper products group, according to the annual census of industry, reported 9,077 male and 3,573 female salaried employees with total payments of $46,537,336. From the October survey on weekly earnings this group showed $77.41 per week for male and $34.88 per week for female salaried employees. The proportion of female to male earnings is therefore $.451 \left\{\frac{\$34.88}{\$77.41}\right\}$ Female employees are first reduced to a male basis and the calculation is then as follows:

Annual Earnings of Male Employees

$$\frac{\$46,537,336}{9,077 + .451\ (3,573)} = \frac{\$46,537,336}{10,688} = \$4,354$$

Annual Earnings of Female Employees

$$\$4,354 \times .451 = \$1,964$$

In the above calculation the assumption is made that annual earnings of male and female employees vary in the same proportion as their weekly earnings. In the above illustration it may also be noted that the calculated annual earnings for male employees amounting to $4,354 are higher than the weekly earnings multiplied by 52 which total only $4,025 ($77.41 x 52). This difference is due to the fact that the earnings reported to the Census of Industry include payments to executives as well as bonuses to employees which are usually paid at the end of the year, while the earnings reported for the one week in the year exclude such payments.

It is the intention in future to alternate the system of classifying employees. One year the basis will be the hours worked per week and the following year it will be on the basis of the earnings per week. Information will thus be made available on both the number of hours worked as well as the range of weekly earnings of employees engaged in manufacturing.

Annual earnings of male salaried employees in 1951 averaged $3,852, weekly earnings $77.55 and hourly earnings $1.94. For female salaried employees annual earnings averaged $1,907, weekly earnings $38.42 and hourly earnings $1.01.

The following table gives the weekly and hourly earnings of male and female salaried employees for each province and major industrial group for the year 1951.

Average Weekly and Hourly Earnings of Male and Female Salaried Employees by Provinces and Industrial Groups, 1951

Province and Industrial Group	Male earnings		Female earnings	
	Weekly	Hourly	Weekly	Hourly
	$	$	$	$
Province				
Newfoundland	70.71	1.63	30.80	0.73
Prince Edward Island	55.98	1.26	26.75	0.65
Nova Scotia	67.83	1.60	31.95	0.80
New Brunswick	68.64	1.61	31.72	0.79
Quebec	75.77	1.88	37.32	0.98
Ontario	79.67	2.02	39.49	1.04
Manitoba	70.20	1.73	35.06	0.89
Saskatchewan	64.97	1.56	37.25	0.91
Alberta	71.12	1.71	36.86	0.92
British Columbia	81.66	2.03	40.03	1.02
Canada	**77.55**	**1.94**	**38.42**	**1.01**
Industrial group				
Foods and beverages	71.15	1.73	37.29	0.95
Tobacco and tobacco products	78.21	2.09	42.41	1.15
Rubber products	74.59	1.94	37.40	0.98
Leather products	66.47	1.61	34.33	0.90
Textile products (except clothing)	79.67	1.97	36.78	0.96
Clothing (textile and fur)	72.45	1.79	36.85	0.96
Wood products	74.34	1.75	37.16	0.96
Paper products	93.92	2.39	40.60	1.07
Printing, publishing and allied industries	69.61	1.81	36.83	0.97
Iron and steel products	78.15	1.97	38.30	1.01
Transportation equipment	80.85	1.96	41.51	1.04
Non-ferrous metal products	85.63	2.13	40.21	1.06
Electrical apparatus and supplies	75.51	1.92	38.37	1.02
Non-metallic mineral products	76.94	1.93	38.61	1.03
Products of petroleum and coal	81.92	2.12	42.72	1.15
Chemicals and allied products	78.79	2.03	40.31	1.06
Miscellaneous industries	75.50	1.88	36.73	0.99

TABLE 36. Average Annual, Weekly and Hourly Earnings of Salaried Workers Employed in the Manufacturing Industries, 1946-51

Year	All salaried employees			Male salaried employees			Female salaried employees		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	$	$	$	$	$	$	$	$	$
1946	2,270	43.85	1.067	—	53.21	1.267	—	25.91	0.656
1947	2,484	49.78	1.232	—	60.21	1.461	—	28.68	0.737
1948	2,687	52.91	1.313	3,147	63.47	1.544	1,551	31.26	0.805
1949	2,836	54.85	1.368	3,317	65.37	1.602	1,655	32.62	0.845
1950	2,998	58.74	1.480	3,507	69.35	1.725	1,739	34.38	0.895
1951	3,296	65.98	1.670	3,852	77.55	1.939	1,907	38.42	1.006

TABLE 37. Average Annual, Weekly and Hourly Earnings of Salaried Employees in the Manufacturing Industries, by Provinces, 1946-51

Year and Province	All salaried employees			Male			Female		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	$	$	cents	$	$	cents	$	$	cents
Newfoundland:									
1950	1,921	54.95	128.9	2,087	63.33	146.7	868	26.55	66.6
1951	2,383	62.04	144.3	2,604	70.71	163.3	1,135	30.80	73.3
Prince Edward Island:									
1950	1,571	40.35	98.4	1,747	48.55	118.5	896	24.92	60.6
1951	1,715	46.90	108.1	1,918	55.98	126.4	917	26.75	64.8
Nova Scotia:									
1946	—	39.89	92.5	—	46.36	106.2	—	23.54	57.8
1947	—	45.34	108.2	—	53.44	125.4	—	25.67	64.2
1948	2,036	48.42	116.1	2,292	56.49	133.2	1,107	27.29	68.4
1949	2,179	50.47	124.6	2,455	59.45	145.3	1,169	28.29	71.4
1950	2,335	52.55	128.8	2,635	61.20	149.3	1,257	29.18	72.8
1951	2,500	58.43	140.1	2,821	67.83	160.4	1,329	31.95	79.5
New Brunswick:									
1946	—	40.33	93.3	—	48.25	108.9	—	22.68	55.4
1947	—	44.59	102.3	—	53.56	120.1	—	24.78	60.1
1948	2,204	46.70	109.3	2,516	55.94	127.7	1,208	26.86	66.5
1949	2,233	48.42	113.1	2,568	57.64	131.6	1,243	27.88	68.6
1950	2,404	51.60	122.9	2,774	61.40	142.8	1,298	28.71	72.5
1951	2,757	57.65	137.9	3,175	68.64	161.1	1,467	31.72	79.1
Quebec:									
1946	—	44.57	107.4	—	53.30	125.4	—	26.63	67.2
1947	—	49.45	121.8	—	59.09	143.1	—	28.95	74.0
1948	2,699	52.39	129.0	3,119	62.20	150.2	1,581	31.52	80.8
1949	2,812	54.66	135.3	3,256	64.41	156.7	1,670	33.05	85.2
1950	2,981	58.10	146.0	3,461	68.13	168.2	1,747	34.41	89.6
1951	3,241	64.67	162.9	3,769	75.77	188.0	1,858	37.32	98.0
Ontario:									
1946	—	43.82	108.2	—	54.19	131.2	—	25.87	66.0
1947	—	50.46	126.1	—	62.01	152.0	—	28.84	75.0
1948	2,816	53.63	134.7	3,373	65.20	160.5	1,626	31.40	81.8
1949	2,990	55.32	139.3	3,563	66.81	165.4	1,746	32.74	85.5
1950	3,150	59.81	152.2	3,749	71.40	179.4	1,830	34.84	91.4
1951	3,489	67.29	172.5	4,135	79.67	201.7	2,051	39.49	104.2
Manitoba:									
1946	—	41.46	97.1	—	48.93	113.0	—	23.76	57.8
1947	—	46.07	110.5	—	54.62	129.4	—	26.07	64.5
1948	2,563	49.68	118.8	2,981	58.98	138.8	1,404	28.21	69.8
1949	2,729	52.98	128.3	3,150	62.19	148.4	1,534	30.30	75.9
1950	2,818	54.21	132.5	3,239	62.42	151.1	1,662	32.01	80.4
1951	3,050	60.57	150.3	3,519	70.20	173.3	1,756	35.06	88.5
Saskatchewan:									
1946	—	38.78	90.4	—	46.10	105.5	—	24.20	58.6
1947	—	41.95	99.6	—	50.47	117.4	—	25.90	63.2
1948	1,937	44.90	107.1	2,216	54.52	128.6	1,148	28.25	68.7
1949	2,085	45.18	107.0	2,364	53.23	124.6	1,300	29.30	71.3
1950	2,317	49.76	118.2	2,640	58.13	136.8	1,468	32.34	78.3
1951	2,444	56.35	136.4	2,764	64.97	156.2	1,584	37.25	91.1
Alberta:									
1946	—	39.34	91.7	—	46.30	106.2	—	23.66	57.0
1947	—	44.32	104.5	—	51.68	120.2	—	26.62	64.9
1948	2,122	48.20	113.4	2,382	55.81	129.2	1,239	29.04	71.3
1949	2,311	51.80	122.7	2,610	60.06	140.3	1,334	30.72	75.6
1950	2,454	55.05	133.3	2,777	62.62	150.2	1,441	32.47	81.6
1951	2,558	62.06	150.3	2,870	71.12	171.0	1,487	36.86	91.5
British Columbia:									
1946	—	46.59	111.2	—	54.10	127.6	—	27.36	67.4
1947	—	52.89	130.3	—	61.70	150.5	—	30.07	75.7
1948	2,522	56.38	138.8	2,835	65.16	158.9	1,451	33.40	84.5
1949	2,758	57.91	143.3	3,133	66.92	164.4	1,579	33.73	85.2
1950	2,871	60.83	152.5	3,242	69.77	173.6	1,637	35.23	90.3
1951	3,174	71.10	177.8	3,606	81.66	203.1	1,767	40.03	102.4

Note. Average annual earnings cannot be calculated without a recompilation of the figures for 1946 and 1947 on the new standard classification basis.

TABLE 38. Average Annual, Weekly and Hourly Earnings of Salaried Employees in the Manufacturing Industries, by Industrial Groups, 1946-51

Year and Group	All salaried employees			Male			Female		
	Annual	Weekly	Hourly.	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	$	$	cents	$	$	cents	$	$	cents
Foods and beverages:									
1946	—	41.33	97.9	—	49.90	115.5	—	24.62	61.1
1947	—	47.23	114.6	—	57.19	136.1	—	27.75	69.9
1948	2,384	52.01	125.6	2,792	62.62	147.0	1,348	30.24	76.7
1949	2,518	52.31	126.9	2,930	62.27	147.7	1,490	31.64	80.3
1950	2,693	55.06	134.6	3,129	64.05	154.3	1,608	32.92	83.8
1951	2,941	61.78	152.5	3,406	71.15	173.1	1,785	37.29	95.4
Tobacco and tobacco products:									
1946	—	39.94	96.7	—	51.45	122.2	—	25.17	62.3
1947	—	44.21	109.4	—	54.68	133.0	—	28.96	73.9
1948	2,863	52.47	130.5	3,412	64.94	159.1	1,836	34.92	88.8
1949	3,109	54.17	135.4	3,667	65.26	161.1	2,057	36.63	93.4
1950	3,256	57.86	150.7	3,821	67.18	174.0	2,247	39.48	104.2
1951	3,665	66.73	178.9	4,390	78.21	208.6	2,379	42.41	115.2
Rubber products:									
1946	—	44.97	111.3	—	54.64	133.6	—	25.17	64.2
1947	—	48.69	123.9	—	58.64	147.7	—	27.34	71.2
1948	2,800	51.84	132.2	3,333	61.95	156.0	1,606	29.88	78.2
1949	2,974	53.70	137.0	3,491	63.53	160.0	1,697	30.90	80.9
1950	3,070	58.09	146.7	3,597	67.97	169.5	1,759	33.26	86.4
1951	3,361	63.90	166.8	3,926	74.59	194.2	1,967	37.40	98.4
Leather products:									
1946	—	37.93	88.0	—	45.12	101.4	—	23.66	58.7
1947	—	45.06	107.5	—	54.25	125.6	—	26.21	67.0
1948	2,898	47.20	114.0	3,409	56.83	133.7	1,684	28.08	71.6
1949	3,033	48.95	117.9	3,533	57.94	136.0	1,819	29.86	76.2
1950	3,103	51.36	124.7	3,640	61.26	145.2	1,838	30.92	78.9
1951	3,264	56.30	140.0	3,795	66.47	161.3	1,958	34.33	90.1
Textile products (except clothing):									
1946	—	48.08	115.8	—	59.30	139.2	—	27.07	68.7
1947	—	50.19	121.8	—	62.82	149.2	—	27.53	69.9
1948	3,111	53.32	130.0	3,856	66.48	157.9	1,742	30.02	76.6
1949	3,199	53.69	130.9	3,884	65.47	156.2	1,864	31.46	80.2
1950	3,369	58.61	145.8	4,134	71.48	174.8	1,914	33.08	85.5
1951	3,655	65.41	164.3	4,465	79.67	196.7	2,063	36.78	95.8
Clothing (textile and fur):									
1946	—	38.00	91.5	—	47.65	111.6	—	25.13	63.1
1947	—	44.91	110.1	—	57.75	137.5	—	28.30	72.2
1948	3,004	45.97	112.4	3,691	58.76	139.2	1,897	30.22	76.7
1949	3,132	48.04	118.3	3,817	60.25	144.5	2,031	32.08	82.0
1950	3,233	51.12	127.8	3,964	64.27	157.1	2,057	33.33	86.1
1951	3,375	57.54	145.7	4,157	72.45	179.3	2,116	36.85	96.2
Wood products:									
1946	—	42.65	97.6	—	50.08	110.8	—	24.92	62.0
1947	—	50.11	117.6	—	58.70	134.0	—	27.43	69.2
1948	1,727	51.99	122.6	1,853	60.46	138.6	917	29.93	76.1
1949	1,905	54.15	127.7	2,038	62.56	143.8	1,015	31.14	79.0
1950	2,079	56.92	136.5	2,227	65.90	154.7	1,109	32.85	83.8
1951	2,250	64.48	155.4	2,407	74.34	174.9	1,204	37.16	96.0

TABLE 38. Average Annual, Weekly and Hourly Earnings of Salaried Employees in the Manufacturing Industries, by Industrial Groups, 1946-51 — Continued

Year and Group	All salaried employees			Male			Female		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	$	$	cents	$	$	cents	$	$	cents
Paper products:									
.. 1946	—	52.29	127.8	—	62.49	150.2	—	27.45	69.7
1947	—	59.44	149.0	—	70.72	175.0	—	31.33	81.1
1948	3,475	62.64	155.8	4,069	73.69	181.0	1,921	34.82	90.0
1949	3,679	65.57	164.3	4,354	77.41	191.6	1,964	34.88	90.8
1950	3,866	68.96	176.4	4,576	81.14	204.9	2,009	35.64	94.3
1951	4,338	79.57	204.6	5,147	93.92	239.0	2,224	40.60	106.8
Printing, publishing and allied industries:									
1946	—	37.07	92.9	—	45.76	112.7	—	24.30	62.3
1947	—	41.86	106.0	—	50.21	125.5	—	26.84	69.3
1948	2,400	43.75	112.2	2,860	53.76	136.4	1,533	28.82	75.2
1949	2,368	46.55	120.3	2,879	57.12	145.7	1,526	30.30	80.1
1950	2,500	50.71	132.7	3,040	61.75	161.2	1,602	32.56	85.7
1951	2,749	57.20	149.7	3,352	69.61	180.8	1,773	36.83	97.4
Iron and steel products:									
1946	—	50.14	122.6	—	52.88	127.4	—	25.43	64.7
1947	—	50.22	124.9	—	59.60	146.1	—	27.92	72.3
1948	2,865	53.41	133.2	3,358	63.09	155.0	1,617	30.35	78.6
1949	3,095	55.77	140.1	3,574	65.17	161.7	1,762	32.13	83.7
1950	3,215	59.71	151.2	3,715	69.29	173.7	1,817	33.91	88.5
1951	3,635	67.65	173.0	4,195	78.15	197.3	2,056	38.30	101.0
Transportation equipment:									
1946	—	50.14	118.8	—	57.95	135.4	—	28.08	69.3
1947	—	55.47	134.9	—	64.15	154.2	—	30.62	77.1
1948	3,087	59.72	143.5	3,494	68.03	161.6	1,768	34.44	85.7
1949	3,277	62.04	149.5	3,713	71.01	169.5	1,827	34.95	87.1
1950	3,521	66.98	161.8	3,980	76.07	182.0	1,998	38.21	96.0
1951	3,733	71.39	174.1	4,214	80.85	195.8	2,162	41.51	104.0
Non-ferrous metal products:									
1946	—	47.22	113.5	—	57.07	134.6	—	27.71	69.1
1947	—	54.49	133.2	—	64.87	155.9	—	30.41	77.6
1948	2,921	57.70	140.7	3,426	68.57	164.4	1,644	32.91	84.1
1949	3,189	60.25	147.3	3,776	71.43	170.9	1,794	33.95	87.5
1950	3,349	63.55	159.3	3,938	74.95	184.6	1,855	35.27	92.1
1951	3,585	73.63	185.9	4,188	85.63	213.0	1,968	40.21	105.5
Electrical apparatus and supplies:									
1946	—	45.46	114.8	—	54.74	136.5	—	27.68	71.7
1947	—	50.08	125.5	—	60.51	149.0	—	29.66	76.8
1948	2,767	52.96	135.8	3,267	62.39	158.7	1,735	33.14	86.5
1949	2,990	55.15	141.4	3,489	64.32	163.6	1,877	34.58	90.3
1950	3,083	58.61	151.8	3,608	68.11	175.5	1,905	35.99	94.7
1951	3,468	64.82	167.1	4,055	75.51	192.1	2,060	38.37	102.0
Non-metallic mineral products:									
1946	—	43.29	104.5	—	50.47	119.3	—	25.96	66.2
1947	—	50.43	123.3	—	58.09	140.6	—	29.76	74.4
1948	2,642	53.45	132.0	3,005	62.03	150.2	1,512	31.22	81.7
1949	2,837	53.94	135.2	3,218	62.87	154.1	1,635	31.96	84.5
1950	2,970	58.29	146.8	3,388	67.41	167.3	1,701	33.85	89.1
1951	3,297	66.34	168.8	3,793	76.94	192.8	1,904	38.61	102.7

TABLE 38. Average Annual, Weekly and Hourly Earnings of Salaried Employees in the Manufacturing Industries, by Industrial Groups, 1946-51 — Concluded

Year and Group	All salaried employees			Male			Female		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	$	$	cents	$	$	cents	$	$	cents
Products of petroleum and coal:									
1946	—	47.66	120.6	—	54.05	135.4	—	26.33	68.9
1947	—	55.06	141.9	—	61.43	157.1	—	32.07	86.0
1948	2,925	59.97	157.0	3,258	66.31	172.2	1,753	35.68	96.2
1949	3,100	61.40	161.6	3,490	68.49	177.4	1,769	34.70	96.1
1950	3,260	65.59	178.7	3,662	72.64	194.2	1,941	38.52	113.0
1951	3,662	74.52	194.1	4,147	81.92	211.7	2,161	42.72	115.1
Chemicals and allied products:									
1946	—	43.88	111.1	—	55.92	139.8	—	27.08	69.8
1947	—	49.19	126.1	—	62.01	157.0	—	30.28	79.0
1948	2,801	51.60	133.0	3,394	63.56	161.7	1,731	32.41	85.3
1949	2,883	54.89	141.8	3,481	67.30	171.7	1,782	34.46	91.1
1950	3,035	59.87	156.3	3,671	71.22	183.6	1,858	36.05	96.1
1951	3,379	66.37	171.9	4,061	78.79	202.5	2,079	40.31	106.1
Miscellaneous industries:									
1946	—	39.89	92.5	—	51.41	122.7	—	25.62	66.2
1947	—	45.34	108.2	—	61.81	150.0	—	29.22	75.7
1948	2,036	48.42	116.1	3,148	61.75	149.9	1,587	31.15	81.5
1949	2,179	50.47	124.6	3,435	63.44	154.3	1,700	31.43	83.6
1950	3,059	54.51	136.3	3,685	66.78	173.9	1,865	33.78	88.0
1951	3,246	60.89	156.5	3,960	75.50	188.3	1,925	36.73	99.3

Note. Average annual earnings cannot be calculated without a recompilation of the figures for 1946 and 1947 on the new standard classification basis.

A survey of weekly earnings of salaried employees, classified into (a) managerial and professional employees and (b) office workers was undertaken for the first time in 1951, and it is intended to repeat this survey every third year in the future. According to Table 39 below, weekly earnings for both sexes in 1951 averaged $98.38 for managerial and professional employees and $51.14 for office workers. Newfoundland with $116.20 for both sexes was the highest paying province as regards managerial and professional employees, while British Columbia with $55.75 was the highest paying province for office workers.

In the managerial classification, male employees in the paper products group with $126.91 per week were the highest paid, followed by textile products (except clothing) with $105.45, transportation equipment $104.51, iron and steel products $102.32, non-ferrous metal products $101.79, products of petroleum and coal $101.13, etc. Employees in the tobacco products group with $86.56 were the lowest. In the same category, female employees of the transportation equipment group with $60.71 were the highest, while female employees in the miscellaneous industries group with $52.44 were the lowest paid.

In the office workers classification, the male employees in the tobacco products group received the highest weekly earnings of $70.18 while male employees in the leather products group received the lowest earnings of $53.97. In the case of female employees the ranking was the same as for male workers. Tobacco products ranked first with $41.53 and leather products last with $33.56.

TABLE 39. Average Weekly Earnings of the Salaried Employees in the Manufacturing Industries of Canada, Classified on the Basis of (a) Managerial and Professional Employees and (b) Office Workers, by Province and Industrial Group, 1951

	All salaried employees			Managerial and professional employees			Office workers		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
	$	$	$	$	$	$	$	$	$
Province									
Newfoundland	62.04	70.71	30.80	116.20	121.37	—	47.02	52.93	30.19
Prince Edward Island	46.90	55.98	26.75	—	—	—	—	—	—
Nova Scotia	58.43	67.83	31.95	88.62	89.34	—	49.00	57.87	31.66
New Brunswick	57.65	68.64	31.72	93.40	93.54	—	44.96	53.97	31.51
Quebec	64.67	75.77	37.32	99.57	101.30	56.35	50.04	58.82	36.54
Ontario	67.29	79.67	39.49	98.81	100.13	57.80	52.02	62.44	38.86
Manitoba	60.57	70.20	35.06	87.91	88.56	—	47.28	55.69	34.53
Saskatchewan	56.35	64.97	37.25	79.53	79.98	—	44.73	51.31	36.97
Alberta	62.06	71.12	36.86	89.23	89.66	—	49.32	57.25	36.48
British Columbia	71.10	81.66	40.03	100.95	101.78	59.14	55.75	65.46	39.52
Canada	**65.98**	**77.55**	**38.42**	**98.38**	**99.73**	**57.04**	**51.14**	**60.68**	**37.77**

TABLE 39. Average Weekly Earnings of the Salaried Employees in the Manufacturing Industries of Canada, Classified on the Basis of (a) Managerial and Professional Employees and (b) Office Workers, by Province and Industrial Group, 1951 — Concluded

—	All salaried employees			Managerial and professional employees			Office workers		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
	$	$	$	$	$	$	$	$	$
Industrial group									
Foods and beverages	61.78	71.15	37.29	86.89	87.54	57.65	48.31	56.49	36.72
Tobacco and tobacco products	66.73	78.21	42.41	87.06	86.56	—	56.47	70.18	41.53
Rubber products	63.90	74.59	37.40	97.48	98.26	—	48.40	56.32	37.09
Leather products	56.30	66.47	34.33	90.22	91.58	—	45.78	53.97	33.56
Textile products (except clothing)	65.41	79.67	36.78	103.41	105.45	54.65	48.21	58.75	36.08
Clothing (textile and fur)	57.54	72.45	36.85	95.67	99.62	58.38	44.92	55.32	35.55
Wood products	64.48	74.34	37.16	96.70	97.48	59.47	52.56	61.33	36.69
Paper products	79.57	93.92	40.60	125.26	126.91	58.22	56.87	67.67	40.06
Printing, publishing and allied industries	57.20	69.61	36.83	90.05	93.55	54.20	45.02	53.89	35.65
Iron and steel products	67.65	78.15	38.30	101.60	102.32	58.37	53.99	63.14	37.94
Transportation equipment	71.39	80.85	41.51	104.15	104.51	60.71	57.79	66.15	41.32
Non-ferrous metal products	73.63	85.63	40.21	100.99	101.79	57.75	52.87	63.70	39.67
Electrical apparatus and supplies	64.82	75.51	38.37	96.41	97.51	57.99	52.67	62.06	37.83
Non-metallic mineral products	66.34	76.94	38.61	97.87	98.31	—	50.64	59.17	38.24
Products of petroleum and coal	74.52	81.92	42.72	99.87	101.13	—	56.48	63.15	40.72
Chemicals and allied products	66.37	78.79	40.31	93.97	95.77	55.44	47.81	56.55	39.41
Miscellaneous industries	60.89	75.50	36.73	95.30	97.11	52.44	45.96	56.66	36.20

Distribution of Employees on the Basis of Weekly Earnings. Manufacturers were required to classify their male and female wage-earners and salaried employees into 16 groups of earnings, from $10 or less to $100 or more, rising by $5 intervals from $10 to $59.99, and by $10 intervals from $60 to $99.99. The 1950 survey which covered the last pay period in October made available data on the distribution of employees by earnings groups for the first time since the Census of Manufactures survey in January 1944. The data in the two surveys are not strictly comparable, largely because the earlier surveys included establishments employing less than 15 persons and were conducted for a different period of the year. Also the 1944 survey reflected wartime conditions.

Variation in the provincial distribution of employees by amounts earned are obviously related to pay levels, occupational and sex differences, number of casual and part-time workers, and length of the working week in the more important industries in each area. Most of the employees in the low-earnings ranges are casually-employed workers, or those who do not work full time in the week. Part-time work is particularly common among women; the 1949 survey showed that 12.8 p.c. of the women wage-earners reported in manufacturing worked 30 hours or less, as compared with 4.3 p.c. for men. Short-time or casual work is characteristic of such industries as fish processing and fruit and vegetable canning, the duration of employment depending on the immediate availability of materials.

The tremendous change in the level of incomes of factory workers since the war is strikingly illustrated in Table 40. Whereas in 1940 only 3 p.c. of male wage-earners and none of the female wage-earners received $50 or more per week, in 1950 these percentages jumped to 52 and 4 respectively. The percentage of employees in the lower income groups declined accordingly. Whereas in 1940, 72 p.c. of male wage-earners received less than $30 per week, in 1950 the percentage declined to 8. For female wage-earners the percentage in these groups declined from 99 to 54.

For salaried workers information on the distribution by income groups is only available for 1944 and 1950. Salaries, too, advanced to unprecedented heights. The percentage of male salaried workers receiving $50 or more per week rose to 73 in 1950 from 39 in 1944, while for females the percentage in 1950 was 7 as compared with none in 1944. Tables 41 and 42 give the distribution by income groups of male and female wage-earners as well as salaried workers by provinces and major industrial groups for 1950.

TABLE 40. Distribution of Employees in the Manufacturing Industries, by Classes of Weekly Earnings, 1934-50 [1]

Range of earnings	Male wage-earners					Female wage-earners					Male salaried employees		Female salaried employees	
	1934	1936	1940	1944	1950	1934	1936	1940	1944	1950	1944	1950	1944	1950
	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.
Under $10.00	12	10	6	3	1	34	30	23	10	3	1	—	2	—
$10.00—$19.99	43	40	29	9	2	61	65	68	45	16	6	1	31	4
20.00— 29.99	32	35	37	25	5	4	4	8	33	35	13	5	52	27
30.00— 39.99	10	11	19	31	14	1	1	1	10	30	21	8	13	43
40.00— 49.99	2	3	6	20	26	—	—		2	12	20	13	2	19
50.00— 59.99	1	1	3	9	28	—	—	—	—	2	15	19	—	5
60.00— 69.99				2	14	—	—	—	—	2	9	17	—	1
70.00 and over				1	10	—	—	—	—	—	15	37	—	1
	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Average weekly earnings	$20.31	$20.92	$24.32	$34.95	$50.93	$11.80	$12.20	$13.52	$20.89	$29.00	$46.24	$69.35	$23.79	$34.38

1. Statistics for 1951 are not available. See text.

TABLE 41. Distribution of Employees in the Manufacturing Industries, by Classes of Weekly Earnings and by Sex and Province, 1950 [1]

Province	Class range										Average weekly earnings
	Under $20.00	$20.00 to $29.99	$30.00 to $39.99	$40.00 to $49.99	$50.00 to $59.99	$60.00 to $69.99	$70.00 to $79.99	$80.00 to $89.99	$90.00 to $99.99	$100.00 and over	
	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	$
Male wage-earners:											
Newfoundland [2]											50.85
Prince Edward Island [2]											35.97
Nova Scotia	4	14	22	27	20	8	3	1	1	—	42.98
New Brunswick	7	12	25	19	20	9	5	2	1	—	44.45
Quebec	4	8	18	27	23	11	5	2	1	1	48.15
Ontario	3	3	11	25	28	17	8	3	1	1	53.33
Manitoba	3	5	18	29	32	9	3	1	—	—	48.30
Saskatchewan	4	5	21	38	21	9	2	—	—	—	45.58
Alberta	3	4	16	36	29	8	3	1	—	—	47.09
British Columbia	3	2	6	23	41	15	6	2	1	1	53.34
Canada	**3**	**5**	**14**	**26**	**28**	**14**	**6**	**2**	**1**	**1**	**50.93**
Female wage-earners:											
Newfoundland [2]											17.72
Prince Edward Island [2]											16.46
Nova Scotia	50	38	9	3	—	—	—	—	—	—	20.89
New Brunswick	39	32	20	8	1	—	—	—	—	—	24.01
Quebec	24	37	27	9	3	—	—	—	—	—	27.65
Ontario	14	33	34	15	3	1	—	—	—	—	30.69
Manitoba	20	46	23	8	2	1	—	—	—	—	27.56
Saskatchewan	15	35	32	18	—	—	—	—	—	—	29.17
Alberta	11	35	34	19	1	—	—	—	—	—	30.61
British Columbia	14	32	37	14	3	—	—	—	—	—	30.84
Canada	**19**	**35**	**30**	**12**	**2**	**1**	**—**	**1**	**—**	**—**	**29.00**
Male salaried employees:											
Newfoundland [2]											63.33
Prince Edward Island [2]											48.55
Nova Scotia	1	5	12	17	20	19	8	7	4	7	61.20
New Brunswick	1	8	15	16	20	14	9	5	4	8	61.40
Quebec	1	6	10	15	18	16	10	7	4	13	68.13
Ontario	—	3	7	13	19	18	13	9	5	13	71.40
Manitoba	1	5	12	18	20	15	12	5	3	9	62.42
Saskatchewan	—	6	13	19	23	16	9	4	4	6	58.13
Alberta	2	5	9	17	20	18	12	6	3	8	62.62
British Columbia	1	2	6	13	19	19	13	10	6	11	69.77
Canada	**1**	**5**	**8**	**13**	**19**	**17**	**12**	**8**	**5**	**12**	**69.35**
Female Salaried employees:											
Newfoundland [2]											26.55
Prince Edward Island [2]											24.92
Nova Scotia	7	47	37	7	1	1	—	—	—	—	29.18
New Brunswick	11	49	30	8	2	—	—	—	—	—	28.71
Quebec	6	27	39	20	6	2	—	—	—	—	34.41
Ontario	4	26	45	20	4	1	—	—	—	—	34.84
Manitoba	3	42	39	12	3	1	—	—	—	—	32.01
Saskatchewan	1	36	49	11	2	1	—	—	—	—	32.34
Alberta	4	32	47	13	3	1	—	—	—	—	32.47
British Columbia	4	23	47	19	5	1	1	—	—	—	35.23
Canada	**4**	**27**	**43**	**19**	**5**	**1**	**1**	**—**	**—**	**—**	**34.38**

1. Statistics for 1951 are not available. See text.
2. Breakdown by class range not available.

TABLE 42. Distribution of Employees in the Manufacturing Industries, by Classes of Weekly Earnings and by Sex and Industrial Group, 1950 [1]

Group	Class range										Average weekly earnings
	Under $20.00	$20.00 to $29.99	$30.00 to $39.99	$40.00 to $49.99	$50.00 to $59.99	$60.00 to $69.99	$70.00 to $79.99	$80.00 to $89.99	$90.00 to $99.99	$100.00 and over	
	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	$
Male wage-earners:											
Foods and beverages	5	7	19	32	24	9	3	1	—	—	45.84
Tobacco and tobacco products	4	4	12	41	21	15	2	1	—	—	48.33
Rubber products	1	4	9	23	32	19	7	3	1	1	53.97
Leather products	12	16	24	27	15	5	1	—	—	—	38.96
Textile products (except clothing)	3	7	28	33	19	7	2	1	—	—	44.17
Clothing (textile and fur)	7	13	21	21	16	11	6	3	1	1	46.35
Wood products	5	10	23	26	25	7	2	1	1	—	44.48
Paper products	3	2	7	17	33	19	10	5	2	2	57.77
Printing, publishing and allied industries	5	9	12	12	15	18	13	7	4	5	57.64
Iron and steel products	2	3	9	29	30	15	7	3	1	1	53.18
Transportation equipment	1	2	9	22	33	18	10	3	1	1	55.67
Non-ferrous metal products	3	3	10	24	36	18	4	1	1	—	52.51
Electrical apparatus and supplies	2	3	8	26	28	19	9	3	1	1	55.03
Non-metallic mineral products	3	3	14	31	30	13	5	1	—	—	50.26
Products of petroleum and coal	—	—	4	21	38	26	7	2	1	1	56.09
Chemicals and allied products	1	3	13	32	33	12	4	1	1	—	50.54
Miscellaneous industries	4	10	24	28	21	8	3	1	1	—	44.48
All groups	**3**	**5**	**14**	**26**	**28**	**14**	**6**	**2**	**1**	**1**	**50.93**
Female wage-earners:											
Foods and beverages	28	40	25	7	—	—	—	—	—	—	25.35
Tobacco and tobacco products	4	14	48	26	8	—	—	—	—	—	36.83
Rubber products	10	20	41	24	4	1	—	—	—	—	34.23
Leather products	33	42	20	4	1	—	—	—	—	—	24.20
Textile products (except clothing)	11	30	43	13	3	—	—	—	—	—	31.49
Clothing (textile and fur)	24	42	23	8	2	1	—	—	—	—	26.75
Wood products	17	37	25	16	4	1	—	—	—	—	30.34
Paper products	17	39	34	9	1	—	—	—	—	—	28.71
Printing, publishing and allied industries	25	36	30	7	1	1	—	—	—	—	26.80
Iron and steel products	8	25	38	23	5	1	—	—	—	—	34.28
Transportation equipment	9	13	30	36	9	3	—	—	—	—	37.91
Non-ferrous metal products	20	34	26	14	4	1	—	1	—	—	29.88
Electrical apparatus and supplies	5	19	38	28	7	2	—	1	—	—	37.14
Non-metallic mineral products	14	32	31	20	3	—	—	—	—	—	31.32
Products of petroleum and coal [2]											
Chemicals and allied products	17	45	27	10	1	—	—	—	—	—	28.07
Miscellaneous industries	16	43	28	11	2	—	—	—	—	—	28.83
All groups	**19**	**35**	**30**	**12**	**2**	**1**	**—**	**1**	**—**	**—**	**29.00**
Male salaried employees:											
Foods and beverages	1	5	10	18	22	17	9	6	3	9	64.05
Tobacco and tobacco products	—	3	9	19	24	17	10	6	3	9	67.18
Rubber products	—	3	10	13	19	21	12	7	5	10	67.97
Leather products	2	6	14	18	20	15	8	4	2	11	61.26
Textile products (except clothing)	1	6	8	13	20	16	11	7	4	14	71.48
Clothing (textile and fur)	4	10	11	15	15	13	9	5	3	15	64.27
Wood products	1	3	9	16	20	17	11	8	5	10	65.90
Paper products	—	3	5	11	17	15	11	10	7	21	81.14
Printing, publishing and allied industries	5	9	13	16	15	12	9	6	4	11	61.75
Iron and steel products	1	3	8	15	19	18	12	8	5	11	69.29
Transportation equipment	—	2	5	10	15	18	18	12	6	14	76.07
Non-ferrous metal products	—	2	5	10	17	22	14	9	7	14	74.95
Electrical apparatus and supplies	—	2	6	14	22	20	13	8	5	10	68.11
Non-metallic mineral products	—	3	9	15	22	18	12	6	4	11	67.41
Products of petroleum and coal	—	1	5	12	21	16	13	13	7	12	72.64
Chemicals and allied products	—	3	8	14	19	18	11	9	5	13	71.22
Miscellaneous industries	1	5	11	16	19	16	10	6	4	12	66.78
All groups	**1**	**5**	**8**	**13**	**19**	**17**	**12**	**8**	**5**	**12**	**69.35**
Female salaried employees:											
Foods and beverages	6	29	43	17	4	1	—	—	—	—	32.92
Tobacco and tobacco products	2	17	33	39	8	1	—	—	—	—	39.48
Rubber products	3	29	49	15	3	1	—	—	—	—	33.26
Leather products	11	38	32	15	3	1	—	—	—	—	30.92
Textile products (except clothing)	4	33	42	14	5	1	—	1	—	—	33.08
Clothing (textile and fur)	9	32	33	17	5	2	1	—	—	1	33.33
Wood products	8	31	39	16	4	1	1	—	—	—	32.85
Paper products	4	23	42	23	6	2	—	—	—	—	35.64
Printing, publishing and allied industries	6	36	38	13	4	2	1	—	—	—	32.56
Iron and steel products	3	28	46	17	4	2	—	—	—	—	33.91
Transportation equipment	—	17	42	30	9	2	—	—	—	—	38.21
Non-ferrous metal products	3	24	46	21	5	1	—	—	—	—	35.27
Electrical apparatus and supplies	1	21	50	22	5	1	—	—	—	—	35.99
Non-metallic mineral products	2	31	46	17	3	1	—	—	—	—	33.85
Products of petroleum and coal	1	14	47	29	6	2	1	—	—	—	38.52
Chemicals and allied products	2	19	49	22	6	1	1	—	—	—	36.05
Miscellaneous industries	4	27	46	17	4	2	—	—	—	—	33.78
All groups	**4**	**27**	**43**	**19**	**5**	**1**	**1**	**—**	**—**	**—**	**34.38**

1. Statistics for 1951 are not available. See text.
2. Not available.

Real Earnings of Employees in Recent Years. When the index number representing the average yearly wages is divided by the consumer price index, on the same base, a measure of "real" wages is obtained. Index numbers for 1931 to 1951 are given in Table 43. In 1933, the height of the depression, real wages were 63.9 on the 1949 base. From then on they rose steadily and stood at 101.5 in 1944, an increase of about 59 p.c. In 1946 real wages dropped to 94.6 and rose again to 103.6 in 1951.

TABLE 43. Average Yearly Earnings, and Index Numbers of Earnings, Consumer Price Index and Real Wages of Wage-Earners, in the Manufacturing Industries, 1931-51

Year	Wages paid	Average wage-earners	Average yearly earnings	Index numbers (1949 = 100)		
				Average yearly earnings	Consumer price index	Real value of average yearly earnings
	$	No.	$			
1931	415,277,895	437,149	950	46.0	67.9	67.7
1932	322,245,926	381,783	844	40.8	61.7	66.1
1933	296,929,878	382,022	777	37.6	58.8	63.9
1934	355,090,929	427,717	830	40.2	59.6	67.4
1935	399,012,697	458,734	870	42.1	59.9	70.3
1936	438,873,377	489,942	896	43.3	61.1	70.9
1937	525,743,562	544,624	965	46.7	63.0	74.1
1938	498,282,208	521,427	956	46.3	63.7	72.7
1939	519,971,819	533,342	975	47.2	63.2	74.7
1940	679,273,104	626,484	1,084	52.4	65.7	79.8
1941	978,525,782	802,234	1,220	59.0	69.6	84.8
1942	1,347,934,049	974,904	1,383	66.9	72.9	91.8
1943	1,598,434,879	1,047,873	1,525	73.8	74.2	99.5
1944	1,611,555,776	1,030,324	1,564	75.7	74.6	101.5
1945	1,427,915,830	928,665	1,538	74.4	75.0	99.2
1946	1,329,811,478	877,150	1,516	73.3	77.5	94.6
1947	1,611,232,166	940,650	1,713	82.9	84.8	97.8
1948	1,876,773,231	957,491	1,960	94.8	97.0	97.7
1949	1,963,462,720	949,656	2,067	100.0	100.0	100.0
1950	2,078,634,086	952,244	2,183	105.6	102.9	102.6
1951	2,459,566,313	1,010,588	2,434	117.8	113.7	103.6

Percentages of Salaries and Wages to Net Value of Products. Table 44 shows the relation between salaries and wages paid by manufacturers and the total net value of production. Figures of gross production are often used in such calculations, but the values out of which the wages of employees must come in the long run are the values added to the raw materials while they are in the factory. Such added values constitute the real production of the manufacturing plant and are alone available for payment of salaries and wages, interest, rent, taxes, repairs and all other overhead charges that ordinarily must be met. The percentage of salaries declined steadily with the increasing manufacturing production from 1924 to 1929, while from 1931 to 1935 and again in 1938 and 1939, due to decreased industrial activity, the percentage of salaries to value added was above normal. It should be borne in mind, however, that salaried employees increased 254 p.c. during the period 1924-51 while wage-earners increased 142 p.c. The percentage of wages has fluctuated much less than that of salaries. The number of wage-earning employees may be more rapidly adjusted to the activity of the industry and wage levels likewise may be more readily adjusted to the price levels of the products. Of the increase in the net value of production since 1939 amounting to $5,409,894,882, $2,538,469,764 or 47 p.c. was passed along in increased salaries and wages.

TABLE 44. Percentages of Salaries and Wages Paid to the Total Net Values of Manufacturing Production, 1924-51

Year	Value added by processes of manufacture[1]	Salaries paid	Wages paid	Percentages		
				of salaries to value added	of wages to value added	of total salaries and wages to value added
	$	$	$	p.c.	p.c.	p.c.
1924	1,075,458,459	130,344,822	404,122,853	12.1	37.6	49.7
1925	1,167,936,726	133,409,498	436,534,944	11.4	37.4	48.8
1926	1,305,168,549	142,353,900	483,328,342	10.9	37.0	47.9
1927	1,427,649,292	151,419,411	511,285,921	10.6	35.8	46.4
1928	1,597,887,676	162,903,007	558,568,627	10.2	35.0	45.2
1929	1,755,386,937	175,553,710	601,737,507	10.0	34.3	44.3
1930	1,522,737,125	169,992,216	527,563,162	11.2	34.6	45.8
1931	1,252,017,248	172,289,095	415,277,895	13.8	33.2	47.0
1932	955,960,724	151,355,790	322,245,926	15.8	33.7	49.5
1933	919,671,181	139,317,946	296,929,878	15.1	32.3	47.4
1934	1,087,301,742	148,760,126	355,090,929	13.7	32.7	46.4
1935	1,153,485,104	160,455,080	399,012,697	13.9	34.6	48.5
1936	1,289,592,672	173,198,057	438,873,377	13.4	34.0	47.4
1937	1,508,924,867	195,983,475	525,743,562	13.0	34.8	47.8

1. Equivalent to "net value of products", see footnote 1, Table 1.

TABLE 44. Percentages of Salaries and Wages Paid to the Total Net Values of Manufacturing Production, 1924-51 — Concluded

Year	Value added by processes of manufacture [1]	Salaries paid	Wages paid	Percentages		
				of salaries to value added	of wages to value added	of total salaries and wages to value added
	$	$	$	p.c.	p.c.	p.c.
1938	1,428,286,778	207,386,381	498,282,208	14.5	34.9	49.4
1939	1,531,051,901	217,839,334	519,971,819	14.2	34.0	48.2
1940	1,942,471,238	241,599,761	679,273,104	12.0	35.0	47.0
1941	2,605,119,788	286,336,861	978,525,782	11.0	37.6	48.6
1942	3,309,973,758	334,870,793	1,347,934,049	10.1	40.7	50.8
1943	3,816,413,541	388,857,505	1,598,434,879	10.2	42.0	52.2
1944	4,015,776,010	418,065,594	1,611,555,776	10.4	40.2	50.6
1945	3,564,315,899	417,857,619	1,427,915,830	11.7	40.1	51.8
1946	3,467,004,980	410,875,776	1,329,811,478	11.8	38.4	50.2
1947	4,292,055,802	474,693,800	1,611,232,166	11.0	37.6	48.6
1948	4,938,786,981	532,594,959	1,876,773,231	10.8	38.0	48.8
1949	5,330,566,434	628,427,937	1,963,462,720	11.8	36.8	48.6
1950	5,942,058,229	692,633,349	2,078,634,086	11.6	35.0	46.6
1951	6,940,946,783	816,714,604	2,459,566,313	11.8	35.4	47.2

1. Equivalent to "net value of products", see footnote 1, Table 1.

Subsection 5. Size of Manufacturing Establishments

The size of the manufacturing establishment is generally measured either by the value of product or by the number of employees, but each of these methods has its limitations. The latter takes no account of the differences in capital equipment at different times or in various industries and obviously the increased use of machinery, as in the flour-milling industry, may lead to an increase in production concurrently with a decrease in number of employees. The former measure has to be adjusted for changes in the price level and, as between industries, it makes those in which the cost of raw materials is relatively high appear to operate on a larger scale.

Size as Measured by Gross Value of Products. While in 1922 the 420 establishments each producing over $1,000,000 had an aggregate value of products of $1,268,056,129 or 51 p.c. of the total production of all manufacturing industries, the 719 establishments producing over $1,000,000 each in 1929 had an aggregate value of products of $2,516,064,954, or 62 p.c. of the grand total for all manufacturing establishments — a very significant change in the short period of eight years. In 1931, however, the number of plants with a production of over $1,000,000 dropped again to 482, their output being valued at $1,451,658,954, or 53 p.c. of the total. With the increased production resulting from war needs, the number of plants with a production of $1,000,000 or over jumped to 1,376 in 1944 and their output was about 75 p.c. of the total value of manufactures. With the end of the war and the consequent decline in production of the huge war plants the number of establishments with a production of $1,000,000 or over, although increasing to 1,442 in 1946, nevertheless saw a decline in the proportion of their output to 67 p.c. of the total. With increased prices and an expansion in the physical volume of production during 1947 to 1951, establishments with a production of $1,000,000 or over increased to 2,332 while their contribution to the total output rose to 79 p.c.

TABLE 45. Manufacturing Establishments Classified According to Gross Value of Products 1929, 1939, 1944 and 1951

Group of gross values	1929 [1]			1939 [2]		
	Establishments	Total production	Average per establishment	Establishments	Total production	Average per establishment
	No.	$	$	$	$	$
Under $25,000	14,024	106,735,470	7,611	15,623	120,903,054	7,739
$ 25,000 but under $ 50,000	2,802	99,529,725	35,521	2,803	99,558,383	35,519
50,000 " 100,000	2,209	156,308,744	70,760	2,215	156,410,769	70,614
100,000 " 200,000	1,688	237,532,492	140,718	1,584	225,582,130	142,413
200,000 " 500,000	1,519	504,218,217	331,941	1,285	390,626,844	303,990
500,000 " 1,000,000	636	443,597,677	697,481	689	466,441,130	676,983
1,000,000 " 5,000,000	601	1,217,866,089	2,026,400	520	1,091,293,939	2,098,642
5,000,000 and over	118	1,298,198,865	11,001,685	81	923,724,311	11,404,004
Totals and Averages	**23,597**	**4,063,987,279**	**172,225**	**24,800**	**3,474,540,560**	**140,102**
	1944			1951 [3]		
Under $25,000	13,942	128,782,147	9,237	15,795	144,070,647	9,121
$ 25,000 but under $ 50,000	4,011	143,023,914	35,658	5,008	180,206,518	35,984
50,000 " 100,000	3,442	245,273,500	71,259	4,767	342,573,146	71,863
100,000 " 200,000	2,513	355,235,489	141,359	3,919	555,921,461	141,853
200,000 " 500,000	2,256	714,546,348	316,731	3,543	1,119,627,024	316,011
500,000 " 1,000,000	943	661,670,696	701,666	1,657	1,169,467,365	705,774
1,000,000 " 5,000,000	1,089	2,294,546,053	2,107,021	1,764	3,735,332,441	2,117,535
5,000,000 and over	287	4,530,614,372	15,786,113	568	9,144,988,530	16,100,332
Totals and Averages	**28,483**	**9,073,692,519**	**318,565**	**37,021**	**16,392,187,132**	**442,781**

1. Includes central electric stations and dyeing, cleaning and laundry establishments.
2. Exclusive of Yukon and the Northwest Territories.
3. Includes Newfoundland.

TABLE 46. Manufacturing Establishments Classified According to Gross Value of Products, by Industrial Group, 1951

Industrial group, by size	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Food and Beverages:						
Under $25,000	2,820	7,149	7,990,462	1,556,766	17,952,558	31,814,336
$ 25,000 to $ 49,999	1,363	6,507	9,308,803	1,527,849	32,453,209	49,174,573
50,000 " 99,999	1,352	9,280	14,627,981	2,389,428	69,220,831	97,755,273
100,000 " 199,999	1,079	11,265	19,483,408	3,108,269	112,276,265	153,770,944
200,000 " 499,999	849	18,881	36,207,039	4,914,063	179,867,765	260,406,755
500,000 " 999,999	383	18,044	38,547,477	5,048,492	174,823,863	270,138,921
1,000,000 " 4,999,999	412	50,604	119,172,418	12,559,444	560,375,129	874,575,057
5,000,000 and over	130	49,026	140,233,168	14,468,521	1,272,237,178	1,712,394,656
Head Offices[1]	—	1,737	7,288,679	10,001	—	—
Totals	**8,388**	**172,493**	**392,859,435**	**45,582,833**	**2,419,206,798**	**3,450,030,515**
Tobacco and Tobacco Products:						
Under $25,000	24	76	73,576	4,971	82,011	177,791
$ 25,000 to $ 49,999	6	70	81,251	4,310	105,883	203,922
50,000 " 99,999	1	149	245,863	7,771	399,347	757,864
100,000 " 199,999	5					
200,000 " 499,999	3	160	226,588	10,314	638,933	1,096,806
500,000 " 999,999	3	333	534,162	17,258	2,006,012	2,881,278
1,000,000 " 4,999,999	8	1,118	1,988,339	84,114	12,665,045	16,547,489
5,000,000 and over	12	7,914	21,269,263	424,977	103,692,822	157,511,943
Head Offices[1]	—	6	19,176	—	—	—
Totals	**62**	**9,826**	**24,438,218**	**553,715**	**119,590,053**	**179,177,093**
Rubber Goods:						
Under $25,000	13	49	65,915	1,641	23,880	118,299
$ 25,000 to $ 49,999	3	24	46,377	785	37,579	109,618
50,000 " 99,999	5	118	271,500	17,233	290,394	717,142
100,000 " 199,999	2					
200,000 " 499,999	11	408	926,220	72,408	1,574,108	3,631,132
500,000 " 999,999	4	332	809,099	48,306	1,341,312	2,817,568
1,000,000 " 4,999,999	15	3,797	8,885,897	631,144	15,434,735	33,479,385
5,000,000 and over	14	18,240	53,098,039	2,770,342	128,249,642	270,805,345
Head Offices[1]	—	86	254,649	—	—	—
Totals	**67**	**23,054**	**64,357,696**	**3,541,859**	**146,951,650**	**311,678,489**
Leather Products:						
Under $25,000	187	630	778,915	38,045	1,010,426	2,098,560
$ 25,000 to $ 49,999	82	705	1,087,634	33,036	1,558,275	3,101,995
50,000 " 99,999	85	1,198	1,940,150	44,066	3,226,147	6,240,570
100,000 " 199,999	115	3,126	5,174,218	115,922	8,647,045	16,538,513
200,000 " 499,999	121	6,407	11,376,742	277,507	21,721,221	39,358,695
500,000 " 999,999	68	7,674	14,091,940	282,347	27,130,880	48,925,815
1,000,000 " 4,999,999	51	11,838	25,219,165	1,092,713	71,820,116	105,618,646
5,000,000 and over	2					
Totals	**711**	**31,578**	**59,668,764**	**1,883,636**	**135,114,110**	**221,882,794**
Textile Products (except Clothing):						
Under $25,000	190	679	973,168	39,641	703,185	2,144,188
$ 25,000 to $ 49,999	110	1,010	1,646,395	75,325	1,321,372	3,977,098
50,000 " 99,999	122	1,832	3,275,663	135,415	3,543,545	8,802,081
100,000 " 199,999	101	1,950	3,796,386	184,816	7,784,943	14,165,512
200,000 " 499,999	126	4,871	9,832,995	701,021	22,519,122	41,009,631
500,000 " 999,999	72	5,060	10,461,713	766,344	31,530,306	50,365,241
1,000,000 " 4,999,999	132	24,738	57,790,335	3,555,252	181,467,005	285,031,586
5,000,000 and over	39	39,811	89,785,327	7,778,940	246,434,624	440,981,966
Head Offices[1]	—	1,759	7,468,507	—	—	—
Totals	**892**	**81,710**	**185,030,489**	**13,236,754**	**495,304,102**	**846,477,303**
Clothing (Textile and Fur):						
Under $25,000	495	2,029	2,695,764	73,526	2,731,952	6,651,146
$ 25,000 to $ 49,999	405	3,778	5,840,327	115,750	6,458,307	15,032,784
50,000 " 99,999	575	7,911	13,990,953	244,365	20,019,507	41,731,250
100,000 " 199,999	601	13,622	26,027,571	376,078	44,245,786	86,150,755
200,000 " 499,999	642	28,401	54,183,186	827,395	106,498,375	202,068,717
500,000 " 999,999	227	20,966	39,386,361	693,326	82,875,590	153,196,384
1,000,000 " 4,999,999	134	34,399	69,407,208	1,426,717	126,606,891	245,689,302
5,000,000 and over	4	4,167	8,778,218	235,573	15,910,710	29,491,687
Head Offices[1]	—	460	2,055,359	—	—	—
Totals	**3,083**	**115,733**	**222,364,947**	**3,992,730**	**405,347,118**	**780,012,025**
Wood Products:						
Under $25,000	7,402	15,233	14,979,992	1,355,996	28,647,990	57,480,878
$ 25,000 to $ 49,999	1,508	8,652	13,636,424	1,005,350	28,009,404	53,500,229
50,000 " 99,999	1,212	12,853	22,629,320	1,527,650	45,148,953	85,989,470
100,000 " 199,999	808	15,109	29,918,299	1,920,952	58,404,431	112,578,268
200,000 " 499,999	614	23,068	50,343,041	2,412,736	102,580,725	192,098,309
500,000 " 999,999	235	17,831	42,846,457	1,709,336	87,194,828	164,886,221
1,000,000 " 4,999,999	178	26,385	69,278,881	2,548,219	172,014,888	312,074,759
5,000,000 and over	18	11,687	37,273,175	788,579	88,806,358	174,768,638
Head Offices[1]	—	460	2,156,485	—	—	—
Totals	**11,975**	**131,278**	**283,062,074**	**13,268,818**	**610,807,577**	**1,153,376,772**

1. Under this heading are included only those head offices which are not located at the plant.

TABLE 46. Manufacturing Establishments Classified According to Gross Value of Products, by Industrial Group, 1951 Continued

Industrial group by Size	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Paper Products:						
Under $25,000	47	135	218,455	14,810	205,230	501,266
$ 25,000 to $ 49,999	29	223	339,043	12,171	526,255	1,083,137
50,000 " 99,999	59	858	1,540,564	59,304	1,821,117	4,439,879
100,000 " 199,999	59	1,227	2,346,580	119,258	4,342,458	8,449,460
200,000 " 499,999	87	3,316	7,119,885	421,633	13,471,240	27,929,656
500,000 " 999,999	61	3,925	9,232,294	811,053	22,593,988	42,985,831
1,000,000 " 4,999,999	126	18,346	50,657,405	6,679,401	160,643,963	293,962,795
5,000,000 and over	79	52,806	193,583,063	70,310,917	479,884,402	1,210,490,138
Head Offices[1]	—	2,053	11,483,717	—	—	—
Totals	**547**	**82,889**	**276,521,006**	**78,428,547**	**683,488,653**	**1,589,842,162**
Printing, Publishing and Allied Industries:						
Under $25,000	2,468	5,339	7,670,482	371,326	8,434,330	20,459,532
$ 25,000 to $ 49,999	557	4,167	8,087,576	231,399	6,992,875	19,838,628
50,000 " 99,999	400	5,210	12,178,450	304,978	9,604,762	28,556,006
100,000 " 199,999	244	5,757	14,159,630	280,732	11,402,736	34,076,425
200,000 " 499,999	191	9,792	25,899,022	548,911	18,531,140	61,013,604
500,000 " 999,999	85	8,472	23,540,272	504,015	18,502,480	59,424,738
1,000,000 " 4,999,999	64	17,251	49,702,862	932,970	48,888,290	139,931,028
5,000,000 and over	10	8,681	29,442,249	572,203	30,396,799	88,842,554
Head Offices[1]	—	25	148,187	—	—	—
Totals	**4,019**	**64,694**	**170,828,730**	**3,746,534**	**152,753,412**	**452,142,515**
Iron and Steel Products:						
Under $25,000	610	1,938	3,369,057	223,636	2,120,230	7,420,629
$ 25,000 to $ 49,999	351	2,784	5,791,418	286,101	3,905,493	12,790,211
50,000 " 99,999	325	4,250	10,212,183	485,177	7,677,403	22,905,465
100,000 " 199,999	332	7,022	17,956,622	922,026	18,842,949	48,062,795
200,000 " 499,999	322	13,931	36,961,583	1,467,954	40,928,322	102,083,256
500,000 " 999,999	175	14,566	39,710,667	2,090,401	51,149,717	124,520,583
1,000,000 " 4,999,999	236	54,439	159,558,484	7,791,766	220,550,162	523,489,973
5,000,000 and over	84	83,807	271,430,772	39,482,759	515,391,234	1,063,377,218
Head Offices[1]	—	586	2,323,829	—	—	—
Totals	**2,435**	**183,323**	**547,314,615**	**52,749,820**	**860,565,510**	**1,904,650,130**
Transportation Equipment:						
Under $25,000	225	602	849,688	47,955	633,269	1,857,721
$ 25,000 to $ 49,999	58	450	895,915	41,495	774,240	2,092,235
50,000 " 99,999	55	724	1,572,727	60,799	1,449,191	3,798,098
100,000 " 199,999	58	1,189	3,021,257	121,680	3,076,809	7,985,562
200,000 " 499,999	54	2,450	6,206,950	237,099	7,351,560	17,745,297
500,000 " 999,999	32	3,078	8,556,332	379,262	11,173,558	24,332,178
1,000,000 " 4,999,999	73	21,084	57,180,437	2,346,732	79,488,548	170,322,866
5,000,000 and over	44	92,911	289,709,253	10,751,612	766,231,619	1,313,455,871
Head Offices[1]	—	29	113,874	—	—	—
Totals	**599**	**122,517**	**368,106,433**	**13,986,634**	**870,178,794**	**1,541,589,828**
Non-ferrous Metal Products:						
Under $25,000	137	382	611,632	36,072	480,902	1,402,888
$ 25,000 to $ 49,999	64	433	822,615	37,438	817,211	2,189,972
50,000 " 99,999	94	1,146	2,520,426	110,536	2,901,194	6,928,736
100,000 " 199,999	66	1,445	3,303,906	114,347	3,863,395	9,232,460
200,000 " 499,999	66	2,988	7,065,010	304,299	10,041,562	21,258,142
500,000 " 999,999	29	1,866	5,027,410	219,868	9,674,236	19,663,930
1,000,000 " 4,999,999	50	11,438	31,400,456	2,707,447	62,462,731	116,751,097
5,000,000 and over	30	29,656	97,247,473	46,039,562	707,171,532	1,076,171,943
Head Offices[1]	—	760	2,734,776	—	—	—
Totals	**536**	**50,114**	**150,733,704**	**49,569,569**	**797,412,763**	**1,253,599,168**
Electrical Apparatus and Supplies:						
Under $25,000	62	166	258,865	12,928	270,235	658,923
$ 25,000 to $ 49,999	29	191	401,324	17,949	418,428	1,088,881
50,000 " 99,999	41	479	1,078,440	48,582	1,005,763	2,825,750
100,000 " 199,999	46	1,118	2,419,258	68,384	2,950,724	6,917,575
200,000 " 499,999	54	2,497	5,720,587	168,880	8,018,476	17,731,601
500,000 " 999,999	44	3,379	8,066,130	260,013	15,669,053	32,086,144
1,000,000 " 4,999,999	67	14,031	37,957,079	1,287,665	67,320,861	152,220,122
5,000,000 and over	30	44,683	135,109,551	3,980,379	220,907,767	462,479,963
Head Offices[1]	—	1,082	3,737,804	—	—	—
Totals	**373**	**67,626**	**194,749,038**	**5,844,780**	**316,561,307**	**676,008,959**
Non-metallic Mineral Products:						
Under $25,000	405	1,229	1,921,882	314,291	1,392,092	3,890,374
$ 25,000 to $ 49,999	143	1,058	2,070,467	259,888	1,709,429	5,075,007
50,000 " 99,999	145	1,766	3,869,279	533,872	3,512,202	10,426,560
100,000 " 199,999	122	2,432	5,907,699	1,018,277	5,270,637	16,885,838
200,000 " 499,999	102	4,061	10,440,116	3,253,163	9,758,041	33,886,447
500,000 " 999,999	51	3,524	9,403,072	2,904,224	11,481,253	35,203,169
1,000,000 " 4,999,999	64	10,016	29,854,558	12,911,404	47,965,763	144,342,290
5,000,000 and over	10	6,814	20,240,654	9,319,749	27,922,284	85,165,713
Head Offices[1]	—	622	2,371,245	—	—	—
Totals	**1,042**	**31,522**	**86,078,972**	**30,514,868**	**109,011,701**	**334,875,398**

1. Under this heading are included only those head offices which are not located at the plant.

TABLE 46. Manufacturing Establishments Classified According to Gross Value of Products, by Industrial Group, 1931 Concluded

Industrial group, by size	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Products of Petroleum and Coal:						
Under $25,000	3	8	19,594	3,761	10,430	19,895
$ 25,000 to $ 49,999	8	34	69,033	6,754	121,539	250,949
50,000 " 99,999	6	42	129,154	24,073	189,428	417,958
100,000 " 199,999	7	78	184,587	19,512	545,558	1,005,663
200,000 " 499,999	7	238	614,989	76,668	965,257	2,267,220
500,000 " 999,999	8	367	926,871	270,581	4,030,463	6,060,312
1,000,000 " 4,999,999	16	3,584	11,910,491	7,076,348	97,470,566	42,929,432
5,000,000 and over	27	9,668	32,254,172	24,217,053	394,649,454	656,598,606
Head Offices[1]	—	1,579	5,838,999	—	—	—
Totals	**82**	**15,598**	**51,947,890**	**31,694,750**	**497,982,695**	**709,550,035**
Chemicals and Chemical Products:						
Under $25,000	284	647	950,467	61,125	1,108,617	2,829,659
$ 25,000 to $ 49,999	94	525	1,072,286	71,907	1,473,710	3,452,503
50,000 " 99,999	118	986	2,217,831	168,549	3,975,625	8,599,045
100,000 " 199,999	116	1,554	3,628,525	251,469	6,866,215	16,962,760
200,000 " 499,999	163	3,805	9,843,748	797,135	23,636,379	54,558,515
500,000 " 999,999	126	6,068	15,839,631	1,169,861	42,653,390	94,228,058
1,000,000 " 4,999,999	102	12,304	34,025,436	4,976,062	114,545,550	220,205,275
5,000,000 and over	34	18,320	58,195,354	18,009,447	172,698,209	375,653,576
Head Offices[1]	—	1,455	5,536,873	—	—	—
Totals	**1,037**	**45,664**	**131,310,151**	**25,505,555**	**366,957,695**	**776,489,391**
Miscellaneous Manufacturing Industries:						
Under $25,000	423	1,338	2,135,925	129,733	1,470,442	4,544,562
$ 25,000 to $ 49,999	198	1,492	2,986,560	150,950	2,524,881	7,244,776
50,000 " 99,999	172	2,242	4,528,113	307,366	4,766,597	12,750,780
100,000 " 199,999	158	3,457	7,364,375	444,927	8,884,049	22,070,150
200,000 " 499,999	131	5,879	12,709,191	427,640	18,804,979	41,483,241
500,000 " 999,999	54	5,014	11,570,887	473,010	15,839,798	37,750,994
1,000,000 " 4,999,999	36	9,111	24,976,146	678,968	35,001,669	84,960,052
5,000,000 and over	1					
Head Offices[1]	—	223	637,558	—	—	—
Totals	**1,173**	**28,756**	**66,908,755**	**2,612,594**	**87,292,415**	**210,804,555**

1. Under this heading are included only those head offices which are not located at the plant.

TABLE 47. Principal Statistics of the Twenty-Five Leading Manufacturing Industries Classified According to Gross Value of Products, 1931

Industry and size group	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
1. Pulp and Paper:						
Under $200,000	4	117	222,250	30,062	144,993	447,734
$ 200,000 to $ 499,999	8	310	766,422	186,004	817,125	2,668,449
500,000 " 999,999	11	557	1,495,806	503,069	3,856,129	7,736,627
1,000,000 " 4,999,999	36	5,832	17,979,494	5,137,352	48,306,600	99,271,690
5,000,000 and over	67	48,520	181,803,079	69,769,231	429,889,162	1,127,772,970
Head Offices[1]	—	1,955	10,902,855	—	—	—
Totals	**126**	**57,291**	**213,169,906**	**75,625,718**	**483,014,009**	**1,237,897,470**
2. Slaughtering and Meatpacking:						
Under $50,000	3	8	15,168	2,351	55,803	75,960
$ 50,000 to $ 99,999	13	58	119,862	24,242	838,308	1,083,913
100,000 " 199,999	10	81	152,689	21,748	1,085,355	1,331,318
200,000 " 499,999	30	379	773,288	88,982	8,079,032	10,040,505
500,000 " 999,999	16	320	703,675	83,240	9,376,642	11,332,513
1,000,000 " 4,999,999	42	2,627	6,689,039	612,237	87,381,653	103,630,067
5,000,000 and over	41	17,441	53,655,154	3,402,450	660,550,004	764,596,365
Totals	**155**	**20,914**	**62,108,875**	**4,235,250**	**767,366,797**	**892,090,641**
3. Non-ferrous Metal Smelting and Refining:						
Under $5,000,000	3	1,302	3,354,609	1,100,285	7,247,790	8,901,570
$5,000,000 and over	14	21,512	72,119,896	43,583,915	546,411,150	852,414,360
Totals	**17**	**22,814**	**75,474,505**	**44,684,200**	**553,658,940**	**861,315,930**
4. Motor Vehicles:						
Under $1,000,000	3	258	616,369	30,054	1,397,160	2,297,061
$1,000,000 to $4,999,999	8	1,104	3,087,739	95,274	7,816,476	13,744,311
5,000,000 and over	8	29,117	97,638,666	2,542,242	459,900,848	726,854,516
Totals	**19**	**30,479**	**101,342,774**	**2,667,570**	**469,114,484**	**742,895,888**

1. Under this heading are included only those head offices which are not located at the plant.

TABLE 47. Principal Statistics of the Twenty-Five Leading Manufacturing Industries Classified according to Gross Value of Products, 1951 — Continued

Industry and size group	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
5. Petroleum Products:						
Under $25,000	3	8	19,494	3,761	10,430	19,895
$ 25,000 to $ 49,999	5	22	45,492	5,318	94,556	161,132
50,000 " 99,999	4	19	69,539	7,051	120,484	290,646
100,000 " 199,999	3	19	52,785	14,134	238,683	438,449
200,000 " 999,999	7	228	577,130	148,046	3,837,670	5,168,257
1,000,000 " 4,999,999	10	2,883	10,040,508	6,424,687	91,129,358	28,734,570
5,000,000 and over	20	5,853	20,434,679	17,967,858	343,035,958	564,127,567
Head Offices[1]	—	1,579	5,838,999	—	—	—
Totals	**52**	**10,611**	**37,078,626**	**24,570,855**	**438,467,139**	**598,940,516**
6. Sawmills:						
Under $25,000	5,233	10,303	8,100,191	837,595	21,367,814	40,018,882
$ 25,000 to $ 49,999	1,046	5,423	7,677,567	644,703	20,645,920	37,098,170
50,000 " 99,999	782	7,483	12,127,082	917,305	30,676,474	55,475,497
100,000 " 199,999	475	7,803	14,913,811	1,135,967	34,193,958	65,024,199
200,000 " 499,999	243	7,861	17,948,180	998,460	37,530,295	73,763,825
500,000 " 999,999	72	4,559	12,157,156	493,536	25,826,768	50,744,622
1,000,000 " 4,999,999	69	9,649	28,207,214	908,665	70,001,445	128,966,544
5,000,000 and over	14	9,035	29,492,770	575,297	72,932,039	140,460,010
Head Offices[1]	—	299	1,434,636	—	—	—
Totals	**7,934**	**62,415**	**132,058,607**	**6,511,528**	**313,174,713**	**591,551,749**
7. Primary Iron and Steel:						
Under $200,000	4	104	302,684	195,399	1,434,745	460,441
$ 200,000 to $ 499,999	6	317	1,049,315	88,951	393,094	2,222,527
500,000 " 999,999	8	922	2,559,289	359,513	1,544,396	5,979,805
1,000,000 " 4,999,999	14	2,144	6,595,950	735,077	13,976,808	28,817,594
5,000,000 and over	25	29,588	97,298,469	30,724,367	205,662,771	427,107,119
Head Offices[1]	—	318	756,095	—	—	—
Totals	**57**	**33,393**	**108,561,802**	**32,103,307**	**223,011,814**	**464,587,486**
8. Butter and Cheese:						
Under $25,000	159	201	181,143	40,596	2,266,896	2,577,650
$ 25,000 to $ 49,999	285	483	559,641	141,818	9,640,648	10,782,128
50,000 " 99,999	394	1,166	1,576,737	394,449	25,828,721	28,894,168
100,000 " 199,999	418	2,112	3,618,379	823,925	51,603,432	59,333,082
200,000 " 499,999	295	3,711	7,281,009	1,451,319	71,729,547	88,170,113
500,000 " 999,999	83	3,098	6,931,482	1,140,728	42,098,780	56,406,250
1,000,000 " 4,999,999	52	7,713	19,870,542	2,200,046	67,231,919	102,390,175
5,000,000 and over	4	2,416	6,762,617	533,742	14,203,032	25,192,294
Totals	**1,690**	**20,900**	**46,781,550**	**6,726,623**	**284,602,975**	**373,745,860**
9. Rubber Goods, including Footwear:						
Under $25,000	13	49	65,915	1,641	23,880	118,299
$ 25,000 to $ 49,999	3	24	46,377	785	37,579	109,618
50,000 " 99,999	5	77	157,777	13,372	96,485	347,349
100,000 " 499,999	13	449	1,039,943	76,269	1,768,017	4,000,925
500,000 " 999,999	4	332	809,099	48,306	1,341,312	2,817,568
1,000,000 " 4,999,999	15	3,797	8,885,897	631,144	15,434,735	33,479,385
5,000,000 and over	14	18,240	53,098,039	2,770,342	128,249,642	270,805,345
Head Offices[1]	—	86	254,649	—	—	—
Totals	**67**	**23,054**	**64,357,696**	**3,541,859**	**146,951,650**	**311,678,489**
10. Railway Rolling Stock:						
Under $500,000	4	150	364,922	20,780	474,149	971,485
$ 500,000 to $ 999,999	8	886	2,377,443	195,815	3,480,807	6,491,522
1,000,000 " 4,999,999	10	3,785	10,758,754	449,497	13,582,299	27,074,696
5,000,000 and over	15	28,589	80,527,715	4,101,031	158,427,534	266,089,538
Totals	**37**	**33,410**	**94,028,834**	**4,767,123**	**175,964,789**	**300,627,241**
11. Flour Mills:						
Under $25,000	14	22	18,846	8,904	112,187	146,886
$ 25,000 to $ 49,999	7	16	31,680	4,193	201,083	247,594
50,000 " 99,999	9	41	75,579	25,879	567,311	699,761
100,000 " 199,999	13	82	174,490	27,629	1,680,447	2,031,384
200,000 " 499,999	15	147	317,330	58,506	4,075,143	4,758,104
500,000 " 999,999	11	206	519,903	79,704	7,326,165	8,455,049
1,000,000 " 4,999,999	22	860	2,118,435	315,811	40,409,214	46,737,514
5,000,000 and over	17	3,387	9,950,025	1,135,756	187,760,522	217,790,486
Head Offices[1]	—	103	390,309	—	—	—
Totals	**108**	**4,864**	**13,596,597**	**1,656,382**	**242,132,072**	**280,866,778**

1. Under this heading are included only those head offices that are not located at the plant.

TABLE 47. Principal Statistics of the Twenty-Five Leading Manufacturing Industries Classified according to Gross Value of Products, 1951 — Continued

Industry and size group	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
12. Cotton Yarn and Cloth:						
Under $100,000	4	28	35,237	2,044	84,980	145,162
$ 100,000 to $ 199,000	4	85	162,999	9,959	329,535	608,698
200,000 " 499,000	6	271	527,887	46,493	1,344,934	2,089,566
500,000 " 999,999	4	367	774,812	88,270	2,085,812	3,143,109
1,000,000 " 4,999,999	18	5,011	11,130,552	619,900	28,477,101	47,199,143
5,000,000 and over	18	21,147	43,047,538	3,282,537	140,121,104	220,465,442
Head Offices[1]	—	723	3,055,808	—	—	—
Totals	**54**	**27,632**	**58,734,833**	**4,049,203**	**172,443,466**	**273,651,120**
13. Motor Vehicle Parts:						
Under $25,000	21	66	102,209	7,870	78,995	243,254
$ 25,000 to $ 49,999	20	125	274,567	12,342	304,734	759,581
50,000 " 99,999	21	293	608,846	30,555	600,051	1,525,932
100,000 " 199,999	29	540	1,433,616	69,693	1,688,948	4,086,834
200,000 " 499,999	23	901	2,201,258	79,336	3,778,091	8,025,371
500,000 " 999,999	8	488	1,399,030	33,064	3,195,170	6,272,902
1,000,000 " 4,999,999	28	6,209	18,067,895	826,760	31,372,803	64,188,513
5,000,000 and over	11	12,546	41,081,868	2,211,450	101,822,143	178,030,707
Head Offices[1]	—	29	113,874	—	—	—
Totals	**161**	**21,197**	**65,283,163**	**3,271,070**	**142,840,935**	**263,133,094**
14. Miscellaneous Food n.e.s.:						
Under $25,000	75	185	183,956	19,037	396,535	725,879
$ 25,000 to $ 49,999	26	158	209,922	21,892	504,399	958,222
50,000 " 99,999	54	404	761,527	53,169	2,445,551	3,922,970
100,000 " 199,999	36	439	718,863	90,199	3,686,429	5,435,224
200,000 " 499,999	51	1,139	2,306,677	204,890	10,748,896	16,001,520
500,000 " 999,999	34	1,314	2,711,580	297,900	16,549,550	23,576,326
1,000,000 " 4,999,999	38	2,687	6,074,158	696,535	70,705,013	92,339,406
5,000,000 and over	14	2,552	6,702,904	1,536,785	87,149,156	117,471,167
Head Offices[1]	—	316	1,295,539	—	—	—
Totals	**328**	**9,194**	**20,965,126**	**2,920,407**	**192,185,529**	**260,430,714**
15. Bread and other Bakery Products:						
Under $25,000	1,473	4,052	5,208,638	1,008,539	9,212,284	18,273,288
$ 25,000 to $ 49,999	536	3,244	5,339,469	766,785	9,842,879	18,811,610
50,000 " 99,999	277	2,945	5,273,650	681,534	10,384,183	19,328,817
100,000 " 199,999	128	2,556	4,956,424	618,310	9,344,405	17,999,995
200,000 " 499,999	104	4,281	8,797,048	1,000,348	16,400,765	32,693,046
500,000 " 999,999	39	3,137	7,483,472	737,644	13,287,656	27,717,788
1,000,000 " 4,999,999	47	9,955	24,604,067	2,354,656	45,833,831	92,732,181
5,000,000 and over	3	2,074	5,423,760	391,433	7,070,690	17,731,645
Head Offices[1]	—	8	29,391	—	—	—
Totals	**2,607**	**32,252**	**67,115,919**	**7,559,249**	**121,376,693**	**245,288,370**
16. Clothing, Men's Factory:						
Under $25,000	57	186	200,718	7,984	305,405	678,746
$ 25,000 to $ 49,999	34	222	312,628	7,185	647,731	1,278,026
50,000 " 99,999	96	1,129	1,779,636	36,678	3,567,626	7,001,251
100,000 " 199,999	107	2,292	3,742,725	49,525	8,783,521	16,074,461
200,000 " 499,999	156	6,706	11,837,631	178,974	27,746,981	50,260,182
500,000 " 999,999	75	6,442	11,870,688	138,498	29,583,945	51,953,322
1,000,000 and over	52	15,563	31,728,682	321,915	60,977,097	111,415,343
Head Offices[1]	—	192	843,458	—	—	—
Totals	**577**	**32,732**	**62,316,166**	**740,759**	**131,612,306**	**238,661,331**
17. Machinery, Heavy Electrical:						
Under $50,000	5	36	67,880	2,253	48,450	172,134
$ 50,000 to $ 99,999	4	47	88,888	2,409	119,775	258,267
100,000 " 199,999	3	112	225,287	4,716	153,770	559,631
200,000 " 499,999	7	362	854,493	22,647	995,934	2,435,052
500,000 " 999,999	8	619	1,587,875	60,139	2,585,459	5,502,523
1,000,000 " 4,999,999	15	3,568	10,465,201	176,302	14,796,228	35,471,012
5,000,000 and over	8	19,497	58,708,097	1,554,863	77,904,835	177,170,486
Head Offices[1]	—	1,055	3,601,191	—	—	—
Totals	**50**	**25,296**	**75,598,912**	**1,823,329**	**96,604,451**	**221,569,105**
18. Electrical Apparatus and Supplies, n.e.s.:						
Under $25,000	22	57	78,626	3,774	94,526	211,457
$ 25,000 to $ 49,999	12	73	150,165	9,538	181,796	465,151
50,000 " 99,999	17	194	417,610	13,854	379,902	1,149,912
100,000 " 199,999	22	506	1,155,909	34,272	1,390,742	3,235,418
200,000 " 499,999	21	848	1,887,863	68,454	2,905,993	6,466,670
500,000 " 999,999	20	1,321	3,389,832	127,546	7,418,607	15,141,847
1,000,000 " 4,999,999	18	3,178	8,633,284	359,173	13,986,350	36,581,761
5,000,000 and over	9	15,053	44,840,189	1,320,585	73,666,796	157,829,576
Head Offices[1]	—	27	136,613	—	—	—
Totals	**141**	**21,257**	**60,690,091**	**1,937,196**	**100,024,712**	**221,081,792**

1. Under this heading are included only those head offices that are not located at the plant.

TABLE 47. Principal Statistics of the Twenty-Five Leading Manufacturing Industries Classified according to Gross Value of Products, 1951 — Concluded

Industry and size group	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
19. Machinery, Industrial:						
Under $25,000	43	143	248,941	14,689	170,120	566,691
$ 25,000 to $ 49,999	34	290	669,889	33,949	377,169	1,307,872
50,000 " 99,999	37	651	1,665,513	67,009	927,572	2,550,924
100,000 " 199,999	48	1,144	3,034,979	130,370	2,382,013	7,273,619
200,000 " 499,999	49	2,230	6,180,976	174,684	5,537,414	15,917,503
500,000 " 999,999	38	3,161	9,272,631	281,855	10,222,262	27,483,644
1,000,000 " 4,999,999	46	9,451	28,555,479	835,779	32,157,875	91,369,674
5,000,000 and over	5	4,920	16,537,073	734,209	27,331,727	55,520,130
Head Offices[1]	—	336	1,121,432	—	—	—
Totals	**300**	**22,326**	**67,286,913**	**2,272,544**	**79,106,152**	**201,990,057**
20. Fruit and Vegetable Preparations:						
Under $25,000	109	307	242,318	29,509	683,796	1,107,969
$ 25,000 to $ 49,999	49	374	375,139	42,281	1,047,182	1,810,571
50,000 " 99,999	56	602	789,901	89,249	2,425,626	4,054,615
100,000 " 199,999	71	1,410	1,794,252	186,551	6,185,161	10,188,853
200,000 " 499,999	85	3,164	4,841,449	483,840	16,439,882	27,925,954
500,000 " 999,999	51	3,330	5,904,873	526,329	21,542,985	37,002,640
1,000,000 " 4,999,999	35	4,476	8,965,124	812,133	39,343,613	64,682,874
5,000,000 and over	3	2,475	6,360,667	556,743	28,384,430	54,005,674
Head Offices[1]	—	263	833,853	—	—	—
Totals	**459**	**16,401**	**30,107,576**	**2,726,635**	**116,052,675**	**200,779,150**
21. Clothing, Women's Factory:						
Under $25,000	83	329	416,404	9,766	540,844	1,122,734
$ 25,000 to $ 49,999	99	820	1,256,837	18,035	1,922,602	3,918,784
50,000 " 99,999	169	2,216	4,112,358	51,969	6,305,591	12,550,810
100,000 " 199,999	237	5,361	10,674,732	103,151	16,948,399	33,841,910
200,000 " 499,999	238	10,049	20,436,082	173,855	38,069,224	74,351,705
500,000 " 999,999	65	5,966	11,909,731	99,802	22,250,808	41,775,061
1,000,000 " 4,999,999	21	3,944	7,946,684	60,949	16,098,051	30,189,930
Head Offices[1]	—	3	11,454	—	—	—
Totals	**912**	**28,688**	**56,764,282**	**517,527,**	**102,135,519**	**197,750,934**
22. Sheet Metal Products:						
Under $25,000	56	179	307,928	16,852	219,007	638,063
$ 25,000 to $ 49,999	33	266	541,537	22,984	388,933	1,170,607
50,000 " 99,999	29	320	806,917	28,301	805,435	2,069,014
100,000 " 199,999	47	848	1,958,173	75,612	2,791,431	6,491,521
200,000 " 499,999	42	1,719	4,567,697	157,607	6,627,612	13,717,485
500,000 " 999,999	33	2,432	6,489,504	295,197	10,470,073	22,259,080
1,000,000 " 4,999,999	29	6,776	19,252,992	789,908	37,037,811	71,824,153
5,000,000 and over	8	4,870	15,028,945	763,563	49,994,870	78,944,303
Head Offices[1]	—	27	83,659	—	—	—
Totals	**277**	**17,437**	**49,037,352**	**2,150,024**	**108,335,172**	**197,114,226**
23. Printing and Publishing:						
Under $25,000	426	1,557	2,313,912	166,677	870,296	4,538,879
$ 25,000 to $ 49,999	133	1,284	2,378,926	97,994	897,288	4,779,304
50,000 " 99,999	90	1,522	3,264,988	107,801	1,291,446	6,290,249
100,000 " 199,999	40	1,236	2,764,302	71,032	1,044,611	5,583,729
200,000 " 499,999	45	2,912	7,419,596	207,569	3,333,525	16,041,734
500,000 " 999,999	34	3,619	9,922,851	233,494	5,548,740	24,171,248
1,000,000 " 4,999,999	26	8,263	24,142,088	478,916	19,482,666	65,970,090
5,000,000 and over	7	6,907	24,034,902	515,590	24,507,331	69,342,663
Totals	**801**	**27,300**	**76,241,565**	**1,879,073**	**56,975,903**	**196,717,896**
24. Furniture:						
Under $25,000	719	1,647	2,588,542	155,794	2,763,099	6,721,105
$ 25,000 to $ 49,999	175	1,186	2,343,568	105,443	2,621,675	6,069,796
50,000 " 99,999	165	1,999	4,111,452	169,329	5,695,351	11,883,500
100,000 " 199,999	143	3,326	7,106,612	257,551	9,859,550	20,495,118
200,000 " 499,999	134	6,113	13,689,981	454,340	20,498,323	42,011,139
500,000 " 999,999	61	5,877	14,266,209	453,839	20,948,278	43,682,744
1,000,000 and over	33	7,126	17,322,911	513,568	27,937,246	60,044,027
Totals	**1,430**	**27,274**	**61,429,275**	**2,109,864**	**90,323,522**	**190,907,429**
25. Brass and Copper Products:						
Under $25,000	33	86	139,520	14,824	141,425	360,746
$ 25,000 to $ 49,999	20	117	248,724	13,311	298,303	703,782
50,000 " 99,999	33	334	809,937	51,947	1,068,277	2,417,100
100,000 " 199,999	17	308	840,421	59,628	1,132,108	2,473,724
200,000 " 499,999	14	578	1,392,126	83,577	2,217,039	4,457,741
500,000 " 999,999	7	444	1,293,220	37,384	2,025,514	4,876,712
1,000,000 " 4,999,999	24	5,730	16,472,526	908,346	25,832,611	55,558,433
5,000,000 and over	5	2,461	8,041,263	948,689	88,988,601	109,149,649
Head Offices[1]	—	19	80,339	—	—	—
Totals	**153**	**10,077**	**29,318,076**	**2,117,706**	**121,703,878**	**179,997,887**

1. Under this heading are included only those head offices that are not located at the plant.

Size as Measured by Number of Employees. In 1929, establishments employing 501 hands or over accounted for 27.3 p.c. of the number of employees engaged in manufacturing. The tendency then in evidence of increasing concentration into larger units was checked by the depression, the percentage dropping to 20.5 in 1933, (central electric stations included), but rising again to 25.6 in 1939. The same holds true for establishments employing 101 hands or over. In 1929 they employed 61.9 p.c., in 1933, 55.7 p.c. and in 1939, 61.5 p.c.

The effect of the War on the concentration of industries into large units is illustrated by the increase in the number of establishments employing 500 hands or over. In 1939 such establishments numbered 172 and employed 25.6 p.c. of the total number of employees engaged in manufacturing. By 1944 the number had increased to 383 and the percentage of total employees to 47.0. In a further subdivision of this group in 1944 it was found that 226 establishments employed between 500 and 999 persons, 56 between 1,000 and 1,499, and 101 employed over 1,500. Altogether there were 12 plants employing over 7,000 persons, the largest having an employment of a little over 13,000 with the next three largest employing between 9,000 and 10,000. Three other plants employed between 8,000 and 9,000 persons while the lowest five plants in this group employed between 7,000 and 8,000 workers.

With the resumption of peace-time production the larger establishments declined in size so that by 1951 only 67 establishments employed over 1,500 persons, as compared with 101 in 1944. The largest manufacturing plant in Canada employed over 12,000 persons in 1951, the next largest over 8,000 while the next three largest over 6,000 persons. The following is the size distribution of the highest group, 1,500 and over.

Employees	Establishments
Over 6,000	5
5,000 to 6,000	4
4,000 to 5,000	7
3,000 to 4,000	8
1,500 to 3,000	43
Total	**67**

TABLE 48. Manufacturing Establishments, Classified by Number of Employees per Establishment, and by Provinces, 1951

Province	Up to 500	500 to 799	800 to 999	1,000 to 1,499	1,500 or over	Total
Newfoundland	820	—	—	1	1	822
Prince Edward Island	237	—	—	—	—	237
Nova Scotia	1,465	4	—	4	1	1,474
New Brunswick	1,074	6	2	1	1	1,084
Quebec	11,726	62	23	26	24	11,861
Ontario	12,840	88	33	29	35	13,025
Manitoba	1,505	3	1	—	3	1,512
Saskatchewan	973	—	—	—	—	973
Alberta	2,114	3	—	1	—	2,118
British Columbia	3,872	15	5	3	2	3,897
Yukon and Northwest Territories	18	—	—	—	—	18
Canada	**36,644**	**181**	**64**	**65**	**67**	**37,021**

TABLE 49. Manufacturing Establishments Classified by Number of Employees per Establishment, 1929, 1939, 1944 and 1951

Group	1929[1]			1939[2]		
	Establishments	Employees	Average per establishment	Establishments	Employees	Average per establishment
	No.	No.	No.	No.	No.	No.
Under 5 employees	12,273	30,446	2.5	13,002	28,020	2.2
5 to 20 employees	6,160	62,310	10.1	6,985	68,151	9.8
21 " 50 "	2,531	81,846	32.3	2,330	75,324	32.3
51 " 100 "	1,262	90,238	71.5	1,158	81,646	70.5
101 " 200 "	745	103,944	139.5	695	97,063	139.7
201 " 500 "	444	136,397	307.2	458	139,687	305.0
501 and over	182	189,253	1,040.0	172	168,168	977.7
Totals and Averages	**23,597**	**694,434**	**29.4**	**24,800**	**658,059**	**26.5**
	1944			1951[4]		
Under 5 employees	13,208	29,958	2.3	17,044	35,441	2.1
5 to 14 employees	7,111	58,404	8.2	9,591	79,656	8.3
15 " 49 "	4,615	124,408	27.0	6,203	165,113	26.6
50 " 99 "	1,622	113,869	70.2	1,960	136,274	69.5
100 " 199 "	900	126,192	140.2	1,107	154,222	139.3
200 " 499 "	644	196,707	305.4	739	225,036	304.5
500 " 999 "	383	573,344	1,497.0	248	172,347	694.9
1,000 and over				129	277,364	2,150.0
Head offices[3]	—	—	—	—	12,922	—
Totals and averages	**28,483**	**1,222,882**	**42.9**	**37,021**	**1,258,375**	**34.0**

1. Includes, central electric stations, dyeing, cleaning and laundry establishments.
2. Exclusive of Yukon and the Northwest Territories.
3. Under this heading are included only those head offices which are not located at a plant.
4. Includes Newfoundland.

TABLE 50. Principal Statistics of Manufacturing Industries, by Industrial Groups, Classified by Number of Employees per Establishment, 1951

Industrial group, by size	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Canada:						
Under 5 employees	16,281	35,441	46,818,561	5,748,246	190,662,685	288,282,864
5 to 14 employees	9,591	79,656	152,675,486	12,279,235	440,118,639	745,049,795
15 " 49 "	6,203	165,113	359,402,676	25,049,747	958,174,600	1,691,984,149
50 " 99 "	1,960	136,274	314,586,011	23,685,628	896,287,506	1,578,946,251
100 " 199 "	1,107	154,222	373,197,906	30,715,930	1,075,172,583	1,902,215,281
200 " 499 "	739	225,036	610,860,008	78,152,536	1,774,863,439	3,237,747,662
500 " 999 "	248	172,347	499,779,570	71,412,940	1,546,733,659	2,794,342,755
1,000 and over	129	277,364	864,790,982	129,659,733	2,188,921,931	4,149,242,766
Not classifiable	763	—	—	—	3,591,311	4,375,609
Head Offices[1]	—	12,922	54,169,717	10,001	—	
Totals	**37,021**	**1,258,375**	**3,276,280,917**	**376,713,996**	**9,074,526,353**	**16,392,187,132**
Foods and Beverages:						
Under 5 employees	4,225	9,893	13,483,980	3,140,095	121,902,594	150,414,719
5 to 14 employees	2,412	19,408	33,184,132	5,461,326	206,423,132	278,816,856
15 " 49 "	1,080	28,236	54,960,449	7,716,573	315,862,996	451,222,710
50 " 99 "	327	22,727	51,455,257	6,767,059	312,179,254	450,658,316
100 " 199 "	191	27,019	62,753,287	6,460,649	391,710,155	575,603,327
200 " 499 "	111	32,001	82,440,980	7,824,522	488,387,975	714,884,431
500 " 999 "	37	24,302	64,539,152	6,248,945	362,236,252	540,076,298
1,000 and over	5	7,170	22,753,519	1,953,663	220,504,440	288,353,856
Head Offices[1]	—	1,737	7,288,679	10,001	—	—
Totals	**8,388**	**172,493**	**392,859,435**	**45,582,833**	**2,419,206,798**	**3,450,030,515**
Tobacco and Tobacco Products:						
Under 5 employees	20	48	48,133	3,625	72,763	142,816
5 to 14 employees	10	85	109,658	5,538	175,170	326,933
15 " 49 "	10	306	506,727	27,441	1,768,471	3,321,576
50 " 99 "	5	391	718,155	61,704	15,685,692	17,366,569
100 " 199 "	5	730	1,394,539	53,153	19,363,017	21,929,988
200 " 499 "	6	1,695	3,349,366	114,791	25,584,487	32,341,894
500 and over	6	6,565	18,292,464	287,463	56,940,453	103,747,317
Head Office[1]	—	6	19,176	—	—	—
Totals	**62**	**9,826**	**24,438,218**	**553,715**	**119,590,053**	**179,177,093**
Rubber Products:						
Under 5 employees	7	16	19,717	423	10,556	45,138
5 to 14 employees	13	105	229,648	12,923	480,545	963,422
15 " 49 "	13	328	745,641	55,731	2,605,526	4,597,816
50 " 99 "	6	459	1,042,286	119,228	1,824,609	3,893,906
100 " 199 "	7	969	2,413,401	163,438	3,824,410	7,767,070
200 " 499 "	6	2,010	5,025,746	448,122	9,214,091	23,464,180
500 " 999 "	7	4,937	12,747,912	534,868	17,934,281	43,569,320
1,000 and over	8	14,144	41,878,696	2,207,126	111,057,632	227,377,637
Head Offices[1]	—	86	254,649	—	—	—
Totals	**67**	**23,054**	**64,357,696**	**3,541,859**	**146,951,650**	**311,678,489**
Leather Products:						
Under 5 employees	155	350	476,552	32,522	961,043	1,758,158
5 to 14 employees	172	1,502	2,482,030	82,634	4,972,157	8,904,270
15 " 49 "	206	5,914	10,578,026	306,146	21,588,119	38,101,619
50 " 99 "	88	6,388	11,711,196	283,286	24,985,551	43,161,250
100 " 199 "	61	8,650	16,538,219	527,247	36,154,623	60,302,685
200 " 499 "	28	8,774	17,882,741	651,801	46,452,617	69,654,812
500 and over	1					
Totals	**711**	**31,578**	**59,668,764**	**1,883,636**	**135,114,110**	**221,882,794**
Textile Products (except clothing):						
Under 5 employees	155	393	629,326	30,064	2,130,343	3,383,471
5 to 14 employees	247	2,150	4,060,376	195,961	17,111,130	24,651,323
15 " 49 "	255	6,918	13,618,292	812,602	47,273,147	74,059,957
50 " 99 "	93	6,729	13,891,244	930,635	56,162,118	83,982,937
100 " 199 "	52	7,399	16,670,671	1,124,583	46,964,926	78,601,899
200 " 499 "	58	17,812	42,376,896	2,778,396	117,487,642	192,473,480
500 " 999 "	16	11,538	26,369,912	1,721,516	72,844,596	129,412,719
1,000 and over	16	27,012	59,945,265	5,642,997	135,330,200	259,911,517
Head Offices[1]	—	1,759	7,468,507	—	—	—
Totals	**892**	**81,710**	**185,030,489**	**13,236,754**	**495,304,102**	**846,477,303**

1. Under this heading are included only those head offices that are not located at the plant.

TABLE 50. Principal Statistics of Manufacturing Industries, by Industrial Groups, Classified by Number of Employees per Establishment, 1951 — Continued

Industrial group, by size	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Clothing (Textile and fur):						
Under 5 employees	509	1,313	2,479,810	57,340	9,140,788	16,242,296
5 to 14 employees	905	8,025	15,914,884	302,965	39,035,325	71,944,895
15 " 49 "	1,086	29,858	57,969,467	794,676	104,858,442	200,859,591
50 " 99 "	339	23,129	42,786,190	678,297	80,014,080	152,343,525
100 " 199 "	163	22,183	40,258,585	748,503	72,840,135	142,129,631
200 " 499 "	67	20,313	40,783,818	965,451	63,291,749	128,634,607
500 and over	14	10,452	20,116,834	445,498	36,166,599	67,857,480
Head Offices[1]	—	460	2,055,359	—	—	—
Totals	**3,083**	**115,733**	**222,364,947**	**3,992,730**	**405,347,118**	**780,012,025**
Wood Products:						
Under 5 employees	7,607	15,213	15,603,937	1,426,144	36,431,515	69,054,923
5 to 14 employees	2,645	21,485	37,406,579	2,618,126	87,695,979	160,005,042
15 " 49 "	1,224	31,306	66,885,579	3,818,585	156,775,233	283,092,847
50 " 99 "	295	20,000	46,307,476	2,066,817	98,551,279	182,461,752
100 " 199 "	142	19,236	46,958,706	1,718,501	89,223,125	174,365,057
200 " 499 "	48	13,471	35,465,338	990,722	65,844,070	134,668,774
500 and over	14	10,107	32,277,974	629,923	76,286,376	149,728,377
Head Offices[1]	—	460	2,156,485	—	—	—
Totals	**11,975**	**131,278**	**283,062,074**	**13,268,818**	**610,807,577**	**1,153,376,772**
Paper Products:						
Under 5 employees	53	130	255,560	24,338	843,029	1,341,976
5 to 14 employees	86	789	4,670,214	123,904	5,108,598	9,039,115
15 " 49 "	156	4,548	10,408,509	711,082	28,226,439	52,633,011
50 " 99 "	76	5,551	13,282,784	1,571,836	42,464,337	79,301,902
100 " 199 "	75	10,613	28,753,814	4,126,479	91,969,302	178,954,741
200 " 499 "	54	16,419	53,115,750	14,857,723	154,925,359	345,032,230
500 " 999 "	30	20,707	74,091,306	27,171,538	183,244,091	469,499,310
1,000 and over	17	22,079	83,459,352	29,841,647	176,707,498	454,039,877
Head Office[1]	—	2,053	11,483,717	—	—	—
Totals	**547**	**82,889**	**276,521,006**	**78,428,547**	**683,488,653**	**1,589,842,162**
Printing, Publishing and Allied Industries:						
Under 5 employees	1,509	3,393	5,567,086	268,975	6,977,196	16,257,690
5 to 14 employees	1,030	8,436	17,627,066	485,629	14,413,157	42,772,623
15 " 49 "	464	11,743	28,978,262	634,501	22,207,964	69,078,840
50 " 99 "	141	9,788	26,585,655	578,555	19,276,196	64,718,294
100 " 199 "	62	8,869	24,076,485	523,672	22,567,397	64,924,147
200 " 499 "	37	11,889	32,444,242	627,002	30,138,440	90,433,619
500 " 999 "	10	6,718	22,311,684	398,903	18,543,972	62,106,011
1,000 and over	3	3,833	13,090,063	229,297	15,037,779	37,475,682
Not Classifiable	763	—	—	—	3,591,311	4,375,609
Head Offices[1]	—	25	148,187	—	—	—
Totals	**4,019**	**64,694**	**170,828,730**	**3,746,534**	**152,753,412**	**452,142,515**
Iron and Steel Products:						
Under 5 employees	546	1,314	2,530,733	194,516	2,874,510	7,832,991
5 to 14 employees	710	6,181	14,238,095	726,229	15,561,265	41,477,162
15 " 49 "	631	17,056	44,690,297	2,054,626	59,371,672	138,291,767
50 " 99 "	204	14,516	39,344,251	1,822,750	60,139,647	139,336,391
100 " 199 "	122	16,629	48,797,932	2,672,364	67,992,797	163,135,560
200 " 499 "	155	46,921	138,664,204	8,015,044	207,971,069	487,945,153
500 " 999 "	34	21,237	65,431,482	5,595,163	113,810,331	249,571,241
1,000 and over	33	58,883	191,293,792	31,669,128	332,844,219	677,059,865
Head Offices[1]	—	586	2,323,829	—	—	—
Totals	**2,435**	**183,323,**	**547,314,615**	**52,749,820**	**860,565,510**	**1,904,650,130**
Transportation Equipment:						
Under 5 employees	201	428	617,239	38,526	577,639	1,560,033
5 to 14 employees	137	1,185	2,619,693	109,640	3,850,479	8,267,172
15 " 49 "	96	2,567	6,445,081	254,009	10,087,302	21,722,891
50 " 99 "	42	2,942	7,823,094	261,572	13,026,068	27,555,144
100 " 199 "	39	5,738	15,572,052	694,778	25,892,260	54,148,914
200 " 499 "	34	11,317	32,506,303	1,430,188	55,490,842	110,594,724
500 " 999 "	26	18,783	55,379,289	2,971,227	171,110,197	276,427,335
1,000 and over	24	79,528	247,029,808	8,226,694	590,144,007	1,041,313,615
Head Offices[1]	—	29	113,874	—	—	—
Totals	**599**	**122,517**	**368,106,433**	**13,986,634**	**870,178,794**	**1,541,589,828**

1. Under this heading are included only those head offices that are not located at the plant.

TABLE 50. Principal Statistics of Manufacturing Industries, by Industrial Groups, Classified by Number of Employees per Establishment, 1951 — Concluded

Industrial group, by size	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Non-Ferrous Metal Products:						
Under 5 employees	137	331	589,967	38,088	730,107	1,739,703
5 to 14 employees	151	1,286	2,960,528	139,866	6,138,704	11,402,649
15 " 49 "	130	3,390	8,356,158	458,004	38,284,920	55,328,823
50 " 99 "	50	3,503	9,155,229	596,124	37,805,059	58,453,420
100 " 199 "	22	3,141	7,968,334	922,826	67,076,028	80,358,849
200 " 499 "	27	9,833	28,604,734	7,067,126	105,140,761	166,631,533
500 " 999 "	13	8,460	24,533,104	9,897,222	229,967,079	337,749,916
1,000 and over	6	19,410	65,830,874	30,450,313	312,270,105	541,934,275
Head Offices[1]	—	760	2,734,776	—	—	—
Totals	**536**	**50,114**	**150,733,704**	**49,569,569**	**797,412,763**	**1,253,599,168**
Electrical Apparatus and Supplies:						
Under 5 employees	63	138	250,783	20,584	439,921	925,001
5 to 14 employees	71	628	1,367,054	45,820	2,524,107	5,250,247
15 " 49 "	88	2,537	5,986,776	227,112	11,995,132	24,619,273
50 " 99 "	52	3,737	8,794,559	286,405	18,613,497	37,576,266
100 " 199 "	41	5,655	14,192,223	488,030	26,971,746	59,149,515
200 " 499 "	32	9,616	27,064,277	960,867	58,662,453	117,404,275
500 " 999 "	22	18,377	56,352,698	1,623,278	88,404,564	176,220,647
1,000 and over	4	25,856	77,002,864	2,192,684	108,949,887	254,863,735
Head Offices[1]	—	1,082	3,737,804	—	—	—
Totals	**373**	**67,626**	**194,749,038**	**5,844,780**	**316,561,307**	**676,008,959**
Non-Metallic Mineral Products:						
Under 5 employees	372	831	1,317,859	220,546	1,894,439	4,513,738
5 to 14 employees	323	2,686	5,941,001	986,487	7,536,787	19,753,454
15 " 49 "	208	5,361	13,447,139	4,361,482	15,681,958	52,450,471
50 " 99 "	72	4,835	12,920,040	4,359,228	16,216,010	50,575,155
100 " 199 "	40	5,712	15,996,002	6,815,603	23,160,962	71,965,867
200 " 499 "	19	5,356	16,331,244	8,901,352	20,005,936	71,647,771
500 and over	8	6,119	17,754,442	4,870,170	24,515,609	63,968,942
Head Offices[1]	—	622	2,371,245	—	—	—
Totals	**1,042**	**31,522**	**86,078,972**	**30,514,868**	**109,011,701**	**334,875,398**
Products of Petroleum and Coal:						
Under 5 employees	8	22	46,996	3,228	83,525	203,042
5 to 14 employees	15	133	355,658	50,257	2,722,377	3,438,056
15 " 49 "	15	395	1,041,535	189,172	8,919,454	12,082,248
50 " 99 "	15	1,067	3,140,750	1,623,180	30,692,020	45,535,426
100 " 199 "	8	1,035	3,161,176	1,626,868	34,079,398	42,741,009
200 " 499 "	16	5,609	18,788,726	15,403,524	230,020,597	346,732,225
500 and over	5	5,758	19,574,050	12,798,521	191,465,324	258,818,029
Head Offices[1]	—	1,579	5,838,999	—	—	—
Totals	**82**	**15,598**	**51,947,890**	**31,694,750**	**497,982,695**	**709,550,035**
Chemicals and Allied Products:						
Under 5 employees	333	710	1,255,975	124,388	3,315,945	7,498,968
5 to 14 employees	288	2,448	6,101,679	523,778	18,226,170	38,202,140
15 " 49 "	247	6,831	18,130,959	1,859,763	88,897,967	155,260,861
50 " 99 "	91	6,093	15,528,667	1,368,890	52,029,105	105,152,778
100 " 199 "	35	5,042	14,528,119	1,547,574	38,711,236	85,811,619
200 " 499 "	30	9,827	30,197,291	6,907,065	89,660,887	187,313,266
500 " 999 "	7	5,238	13,542,892	2,339,019	22,097,184	57,853,014
1,000 and over	6	8,020	26,487,696	10,835,078	54,019,201	139,396,745
Head Offices[1]	—	1,455	5,536,873	—	—	—
Totals	**1,037**	**45,664**	**131,310,151**	**25,505,555**	**366,957,695**	**776,489,391**
Miscellaneous Industries:						
Under 5 employees	381	918	1,644,908	124,844	2,276,772	5,368,201
5 to 14 employees	376	3,124	6,407,191	408,152	8,143,557	19,834,434
15 " 49 "	294	7,819	16,653,779	768,242	23,769,858	55,259,843
50 " 99 "	64	4,419	10,099,178	310,062	16,622,984	36,873,220
100 " 199 "	42	5,602	13,164,361	501,562	16,671,066	40,325,403
200 " 499 "	11	2,874	7,075,718	222,728	9,363,464	21,985,688
500 and over	5	3,777	11,226,062	276,904	10,444,714	31,157,761
Head Offices[1]	—	223	637,558	—	—	—
Totals	**1,173**	**28,756**	**66,908,755**	**2,612,594**	**87,292,415**	**210,804,555**

1. Under this heading are included only those head offices that are not located at the plant.

Size of Establishment in Leading Industries. Table 51 summarizes the degree of concentration in some of the leading industries of Canada. Concentration is extremely marked in the case of motor vehicles, non-ferrous metal smelting and refining, railway rolling-stock, cotton yarn and cloth, primary iron and steel, pulp and paper, and heavy electrical machinery; whereas in the case of women's factory clothing, miscellaneous food preparations, furniture, butter and cheese, bread and other bakery products, fruit and vegetable preparations, sawmills and men's factory clothing, the degree of concentration is low. This concentration is analysed in detail for each of the twenty-five leading industries in the tables following.

TABLE 51. Percentage Importance of Establishments, each Employing 200 or more Persons in the Twenty-Five Leading Industries, 1951

No.	Industry	Number of such establishments	Percentage of total number in the industry	Percentage of total production in the industry
1	Pulp and paper	75	59.5	92.5
2	Slaughtering and meat packing	27	17.4	72.2
3	Non-ferrous metal smelting and refining	16	94.1	98.1
4	Motor vehicles	9	47.4	98.3
5	Petroleum products	13	25.0	85.0
6	Sawmills	27	0.4	30.8
7	Primary iron and steel	32	56.1	94.4
8	Butter and cheese	18	1.1	18.6
9	Rubber goods, including footwear	21	31.3	86.6
10	Railway rolling-stock	24	64.8	95.9
11	Flour mills	9	8.4	50.6
12	Cotton yarn and cloth	30	55.5	94.4
13	Motor vehicle parts	22	13.7	81.3
14	Miscellaneous food preparations	3	0.9	13.1
15	Bread and other bakery products	23	0.9	28.8
16	Clothing, men's factory	28	4.8	33.8
17	Machinery, heavy electrical	16	32.0	90.2
18	Miscellaneous electrical apparatus and supplies	13	9.2	45.4
19	Machinery, industrial	29	9.7	54.8
20	Fruit and vegetable preparations	6	0.2	30.4
21	Clothing, women's factory	7	0.7	6.4
22	Sheet metal products	28	10.1	68.5
23	Printing and publishing	28	3.0	65.5
24	Furniture	16	1.1	18.1
25	Brass and copper products	15	9.8	53.4

TABLE 52. Principal Statistics of the Twenty-Five Leading Manufacturing Industries Classified according to the Number of Employees per Establishment, 1951

Industry and Size Group	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
1. Pulp and Paper:						
Under 50 employees	15	446	1,150,477	370,450	2,596,143	6,325,917
50 to 99 employees	17	1,209	3,530,383	1,151,843	11,852,973	23,510,175
100 " 199 "	19	2,821	8,875,522	3,087,261	26,676,595	63,458,122
200 " 499 "	32	10,508	37,550,323	14,265,460	98,692,607	253,455,501
500 and over	43	40,352	151,160,346	56,750,704	343,195,691	891,147,755
Head Offices[1]	—	1,955	10,902,855	—	—	—
Totals	**126**	**57,291**	**213,169,906**	**75,625,718**	**483,014,009**	**1,237,897,470**
2. Slaughtering and Meat Packing:						
Under 5 employees	16	47	98,541	19,571	1,545,392	1,794,878
5 to 14 employees	37	328	767,895	115,205	21,243,417	23,122,165
15 " 49 "	39	955	2,183,860	196,928	33,789,999	39,742,095
50 " 99 "	19	1,340	3,852,957	389,151	65,312,066	73,468,374
100 " 199 "	17	2,560	6,880,207	593,085	93,072,349	109,677,916
200 " 499 "	16	5,203	15,486,679	918,684	173,057,056	198,817,285
500 and over	11	10,481	32,838,736	2,002,626	379,346,518	445,467,928
Totals	**155**	**20,914**	**62,108,875**	**4,235,250**	**767,366,797**	**892,090,641**
3. Non-ferrous Metal Smelting and Refining:						
Under 500 employees	7	3,007	9,253,031	6,399,738	74,347,414	98,893,510
500 and over	10	19,807	66,221,474	38,284,462	479,311,526	762,422,420
Totals	**17**	**22,814**	**75,474,505**	**44,684,200**	**553,658,940**	**861,315,930**

TABLE 52. Principal Statistics of the Twenty-Five Leading Manufacturing Industries Classified According to the Number of Employees per Establishment, 1951 — Continued

Industry and Size Group	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
4. Motor Vehicles:						
Under 50 employees	6	480	1,276,127	50,618	4,250,087	6,617,383
100 to 199 employees	4	647	1,642,843	68,397	2,588,050	5,775,203
200 " 499 "	3	691	2,109,219	125,638	12,907,192	19,333,262
500 and over	6	28,661	96,314,585	2,422,917	449,369,155	711,170,040
Totals	**19**	**30,479**	**101,342,774**	**2,667,570**	**469,114,484**	**742,895,888**
5. Petroleum Products:						
Under 5 employees	6	16	32,396	1,792	72,017	138,456
5 to 14 employees	9	64	179,609	28,878	657,477	1,083,046
15 " 49 "	8	248	622,286	131,288	7,364,256	9,230,314
50 " 99 "	10	711	2,225,372	1,315,995	28,788,451	41,279,910
100 " 199 "	6	681	2,267,909	1,412,943	33,166,516	38,263,240
200 " 499 "	10	3,563	12,385,673	10,992,730	200,669,342	288,159,271
500 and over	3	3,749	13,526,382	10,687,229	167,749,080	220,786,279
Head Offices[1]	—	1,579	5,838,999	—	—	—
Totals	**52**	**10,611**	**37,078,626**	**24,570,855**	**438,467,139**	**598,940,516**
6. Sawmills:						
Under 5 employees	5,517	11,079	9,472,898	964,393	27,773,822	50,604,541
5 to 14 employees	1,692	13,485	21,600,398	1,690,089	56,917,991	103,255,268
15 " 49 "	574	13,828	29,778,380	1,879,995	71,322,871	132,969,417
50 " 99 "	87	6,071	15,417,105	695,795	32,039,240	62,409,256
100 " 199 "	37	5,270	14,624,540	454,070	28,403,923	59,990,912
200 " 499 "	16	4,589	14,068,056	380,178	34,572,755	61,778,554
500 and over	11	7,794	25,662,594	447,008	62,144,111	120,543,801
Head Offices[1]	—	299	1,434,636	—	—	—
Totals	**7,934**	**62,415**	**132,058,607**	**6,511,528**	**313,174,713**	**591,551,749**
7. Primary, Iron and Steel:						
Under 50 employees	8	256	854,475	261,672	1,670,817	1,804,945
50 to 99 employees	4	316	945,485	97,024	2,826,099	5,089,212
100 " 199 "	13	1,657	4,908,989	687,876	9,052,047	19,140,954
200 " 499 "	11	3,292	10,554,135	1,905,021	17,134,228	47,296,827
500 and over	21	27,860	91,240,408	29,151,714	192,328,623	391,255,548
Head Offices[1]	—	12	58,310	—	—	—
Totals	**57**	**33,393**	**108,561,802**	**32,103,307**	**223,011,814**	**464,587,486**
8. Butter and Cheese:						
Under 5 employees	1,088	2,613	3,464,736	922,517	72,240,700	79,979,491
5 to 14 employees	378	2,997	5,691,047	1,283,232	70,959,640	84,112,956
15 " 49 "	150	3,784	7,861,935	1,554,483	54,639,311	71,175,297
50 " 99 "	36	2,521	5,857,666	757,704	22,353,597	34,057,559
100 " 199 "	20	2,834	6,810,106	753,595	22,500,839	34,784,997
200 " 499 "	14	3,735	10,333,443	921,350	27,705,856	44,444,266
500 and over	4	2,416	6,762,617	533,742	14,203,032	25,191,294
Totals	**1,690**	**20,900**	**46,781,550**	**6,726,623**	**284,602,975**	**373,745,860**
9. Rubber Goods including Footwear:						
Under 5 employees	7	16	19,717	423	10,556	45,138
5 to 14 employees	13	105	229,648	12,923	480,545	963,422
15 " 49 "	13	328	745,641	55,731	2,605,526	4,597,816
50 " 99 "	6	459	1,042,286	119,228	1,824,609	3,893,906
100 " 199 "	7	969	2,413,401	163,438	3,824,410	7,767,070
200 " 499 "	6	2,010	5,025,746	448,122	9,214,091	23,464,180
500 and over	15	19,081	54,626,608	2,741,994	128,991,913	270,946,957
Head Offices[1]	—	86	254,649	—	—	—
Totals	**67**	**23,054**	**64,357,696**	**3,541,859**	**146,951,650**	**311,678,489**
10. Railway Rolling Stock:						
5 to 14 employees	3	30	94,233	1,823	608,414	784,243
15 " 49 "	2	295	751,297	34,736	3,126,033	5,949,275
50 " 99 "	3					
100 " 199 "	5	706	1,977,812	156,885	2,687,142	5,583,154
200 " 499 "	5	1,565	4,142,204	204,230	3,687,682	8,839,171
500 and over	19	30,814	87,063,288	4,369,449	165,855,518	279,471,398
Totals	**37**	**33,410**	**94,028,834**	**4,767,123**	**175,964,789**	**300,627,241**
11. Flour Mills:						
Under 5 employees	26	49	76,900	23,362	699,059	856,546
5 to 14 employees	35	283	622,844	120,731	9,151,956	10,675,130
15 " 49 "	24	592	1,552,812	231,202	27,527,699	31,659,390
50 " 99 "	7	500	1,338,547	199,265	30,792,542	34,048,567
100 " 199 "	7	885	2,244,927	365,454	52,018,642	61,532,233
200 " 499 "	9	2,452	7,370,258	716,368	121,942,174	142,094,912
Head Offices[1]	—	103	390,309	—	—	—
Totals	**108**	**4,864**	**13,596,597**	**1,656,382**	**242,132,072**	**280,866,778**

1. Under this heading are included only those head offices which are not located at the plant.

TABLE 52. Principal Statistics of the Twenty-Five Leading Manufacturing Industries, Classified according to the Number of Employees per Establishment, 1951 — Continued

Industry and Size Group	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
12. Cotton Yarn and Cloth:						
Under 15 employees	5	37	63,132	3,357	159,989	276,762
15 to 49 employees	8	231	482,636	26,314	1,639,752	2,483,543
50 " 99 "	4	310	630,863	82,483	2,421,978	3,102,861
100 " 199 "	7	965	2,128,637	169,877	6,037,379	9,516,848
200 " 499 "	14	4,762	10,596,979	654,326	30,916,906	49,343,607
500 and over	16	20,604	41,776,778	3,112,846	131,267,462	208,927,499
Head Offices[1]	—	723	3,055,808	—	—	—
Totals	**54**	**27,632**	**58,734,833**	**4,049,203**	**172,443,466**	**273,651,120**
13. Motor Vehicle Parts:						
Under 5 employees	23	64	120,972	8,699	139,514	373,462
5 to 14 employees	45	408	1,021,755	44,141	1,864,574	3,887,519
15 " 49 "	44	1,218	3,055,082	138,056	4,823,772	10,815,681
50 " 99 "	12	869	2,227,481	61,131	4,657,504	8,654,093
100 " 199 "	15	2,133	5,847,967	269,990	13,177,712	25,524,346
200 " 499 "	12	3,925	12,028,020	568,043	25,682,423	47,703,242
500 and over	10	12,551	40,868,012	2,181,010	92,495,436	166,174,751
Head Offices[1]	—	29	113,874	—	—	—
Totals	**161**	**21,197**	**65,283,163**	**3,271,070**	**142,840,935**	**263,133,094**
14. Miscellaneous Food Preparations:						
Under 5 employees	85	195	264,074	23,247	1,465,947	2,139,322
5 to 14 employees	117	951	1,801,452	178,418	10,687,847	15,107,622
15 " 49 "	80	2,310	4,689,614	459,712	42,641,778	55,794,832
50 " 99 "	26	1,913	4,614,238	978,067	48,415,734	64,235,404
100 " 199 "	17	2,305	5,281,562	351,354	66,821,330	89,087,358
200 and over	3	1,204	3,018,647	929,609	22,152,893	34,066,176
Head Offices[1]	—	316	1,295,539	—	—	—
Totals	**328**	**9,194**	**20,965,126**	**2,920,407**	**192,185,529**	**260,430,714**
15. Bread and Other Bakery Products:						
Under 5 employees	1,435	3,479	4,959,738	1,048,188	10,091,177	19,652,835
5 to 14 employees	839	6,407	10,533,292	1,420,980	19,742,182	37,252,410
15 " 49 "	221	5,626	11,358,765	1,357,018	21,744,643	42,420,621
50 " 99 "	56	3,834	8,577,789	843,797	15,888,680	32,726,162
100 " 199 "	33	4,495	10,813,567	1,108,220	21,014,229	42,616,454
200 " 499	18	5,158	12,526,156	1,123,672	22,773,432	45,723,911
500 and over	5	3,245	8,317,221	657,374	10,122,350	24,895,977
Head Offices[1]	—	8	29,391	—	—	—
Totals	**2,607**	**32,252**	**67,115,919**	**7,559,249**	**121,376,693**	**245,288,370**
16. Clothing, Men's Factory:						
Under 5 employees	97	231	490,544	5,213	3,055,808	5,663,498
5 to 14 employees	127	1,088	2,334,480	37,495	10,795,782	19,186,376
15 " 49 "	178	5,209	9,299,875	131,274	20,576,990	37,228,749
50 " 99 "	92	6,438	11,363,110	155,769	25,029,234	44,511,455
100 " 199 "	55	7,695	14,119,325	171,699	28,077,098	51,376,418
200 " 499 "	20	6,216	12,030,196	114,039	23,960,034	42,462,384
500 and over	8	5,663	11,835,178	125,270	20,117,360	38,232,451
Head Offices[1]	—	192	843,458	—	—	—
Totals	**577**	**32,732**	**62,316,166**	**740,759**	**131,612,306**	**238,661,331**
17. Machinery, Heavy Electrical:						
Under 15 employees	9	83	156,768	4,662	168,225	430,401
15 to 49 employees	6	215	484,538	15,984	922,278	1,899,471
50 " 99 "	10	637	1,453,396	37,140	2,285,790	5,063,745
100 " 199 "	9	1,288	3,795,059	81,586	5,640,038	14,322,167
200 " 499 "	8	2,492	7,786,902	137,590	12,186,327	25,863,607
500 and over	8	19,526	58,321,058	1,546,367	75,401,793	173,989,714
Head Offices[1]	—	1,055	3,601,191	—	—	—
Totals	**50**	**25,296**	**75,598,912**	**1,823,329**	**96,604,451**	**221,569,105**
18. Electrical Apparatus and Supplies, n.e.s.:						
Under 5 employees	24	53	90,292	6,816	162,900	354,719
5 to 14 employees	30	268	581,121	18,523	1,556,901	2,922,205
15 " 49 "	42	1,204	3,005,646	124,149	6,841,972	13,485,335
50 " 99 "	21	1,533	3,797,041	142,384	7,583,567	15,951,809
100 " 199 "	11	9,562	31,118,453	722,076	34,482,425	87,931,800
200 " 499 "	7	2,181	6,144,945	239,288	13,935,627	30,821,978
500 and over	6	6,429	15,815,980	683,960	35,461,320	69,613,946
Head Offices[1]	—	27	136,613	—	—	—
Totals	**141**	**21,257**	**60,690,091**	**1,937,196**	**100,024,712**	**221,081,792**
19. Machinery, Industrial:						
Under 5 employees	41	97	204,322	13,388	271,018	689,840
5 to 14 employees	77	744	1,831,794	96,282	1,823,111	5,215,090
15 " 49 "	80	2,320	6,457,246	213,804	7,243,930	18,632,066
50 " 99 "	46	3,348	9,424,711	286,899	12,417,398	33,161,188
100 " 199 "	27	3,727	11,386,913	315,403	12,252,146	33,675,635
200 " 499 "	23	6,282	18,863,146	532,902	15,863,214	50,323,643
500 and over	6	5,472	17,997,349	813,866	29,235,335	60,292,595
Head Offices[1]	—	336	1,121,432	—	—	—
Totals	**300**	**22,326**	**67,286,913**	**2,272,544**	**79,106,152**	**201,990,057**

1. Under this heading are included only those head offices which are not located at the plant.

TABLE 52. Principal Statistics of the Twenty-Five Leading Manufacturing Industries, Classified according to the Number of Employees per Establishment, 1951 — Concluded

Industry and Size Group	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
20. Fruit and Vegetable Preparations:						
Under 5 employees	116	288	308,992	38,530	1,223,845	1,977,913
5 to 14 employees	113	1,020	1,259,522	126,998	5,010,123	7,899,102
15 " 49 "	138	3,909	6,014,462	627,021	23,090,129	38,345,363
50 " 99 "	63	4,346	7,689,668	760,987	29,880,029	50,702,192
100 " 199 "	23	3,426	6,367,320	519,222	24,411,847	40,881,111
200 " 499 "	3	674	1,273,092	97,134	4,132,272	6,967,795
500 and over	3	2,475	6,360,667	556,743	28,304,430	54,005,674
Head Offices[1]	—	263	833,853	—	—	—
Totals	**459**	**16,401**	**30,107,576**	**2,726,635**	**116,852,675**	**200,779,150**
21. Clothing, Women's Factory:						
Under 5 employees	83	212	360,578	7,662	1,706,632	3,130,581
5 to 14 employees	252	2,416	4,806,218	60,664	8,954,027	17,743,126
15 " 49 "	421	11,483	23,636,448	218,678	40,947,593	80,503,016
50 " 99 "	110	7,401	14,442,342	121,843	26,286,664	50,442,626
100 " 199 "	39	5,150	9,443,471	77,791	18,138,700	33,834,735
200 " 499 "	7	2,023	4,063,771	30,889	6,101,903	12,096,850
Head Offices[1]	—	3	11,454	—	—	—
Totals	**912**	**28,688**	**56,764,282**	**517,527,**	**102,135,519**	**197,750,934**
22. Sheet Metal Products:						
Under 5 employees	52	123	228,365	15,799	354,908	782,161
5 to 14 employees	76	675	1,536,797	63,481	2,366,370	5,208,035
15 " 49 "	84	2,336	5,924,734	229,919	11,288,299	22,780,459
50 " 99 "	28	2,006	5,498,219	276,177	12,618,536	24,210,699
100 " 199 "	9	1,174	2,964,427	132,768	3,866,407	9,091,677
200 " 499 "	22	6,618	19,563,492	804,603	50,226,585	87,147,908
500 and over	6	4,478	13,237,659	627,277	27,614,067	47,893,287
Head Offices[1]	—	27	83,659	—	—	—
Totals	**277**	**17,437**	**49,037,352**	**2,150,024**	**108,335,172**	**197,114,226**
23. Printing and Publishing:						
Under 5 employees	306	763	1,203,077	101,031	504,666	2,522,560
5 to 14 employees	281	2,355	4,416,758	188,333	1,868,209	8,984,891
15 " 49 "	114	2,919	6,428,004	192,032	2,531,679	13,126,786
50 " 99 "	48	3,612	9,531,744	261,488	4,555,813	22,219,503
100 " 199 "	24	3,172	8,730,926	216,301	5,255,597	21,075,998
200 " 499 "	18	5,735	16,005,053	344,934	13,768,551	45,931,167
500 and over	10	8,744	29,926,003	574,954	28,491,388	82,856,991
Totals	**801**	**27,300**	**76,241,565**	**1,879,073**	**56,975,903**	**196,717,896**
24. Furniture:						
Under 5 employees	705	1,458	2,469,481	145,947	3,178,530	7,179,395
5 to 14 employees	341	2,880	6,024,314	239,814	9,179,917	18,554,312
15 " 49 "	246	6,769	14,604,782	485,632	23,845,722	47,270,037
50 " 99 "	72	4,906	11,312,764	394,429	16,197,896	34,263,842
100 " 199 "	50	6,485	15,582,095	540,883	22,758,088	48,999,741
200 and over	16	4,776	11,435,839	303,159	15,163,369	34,640,102
Totals	**1,430**	**27,274**	**61,429,275**	**2,109,864**	**90,323,522**	**190,907,429**
25. Brass and Copper Products:						
Under 5 employees	41	110	203,632	21,442	317,484	714,323
5 to 14 employees	45	391	968,206	58,186	1,309,778	2,927,655
15 " 49 "	35	899	2,453,739	212,786	26,485,715	32,839,797
50 " 99 "	12	908	2,688,863	191,339	8,688,058	14,583,522
100 " 199 "	5	727	1,997,523	155,695	28,596,595	32,807,890
200 " 499 "	10	3,276	9,289,842	490,926	13,834,090	28,940,519
500 and over	5	3,747	11,635,932	987,332	42,472,158	67,184,181
Head Offices[1]	—	19	80,339	—	—	—
Totals	**153**	**10,077**	**29,318,976**	**2,117,706**	**121,703,878**	**179,997,887**

1. Under this heading are included only those head offices which are not located at the plant.

Subsection 6. Power and fuel

Cost of Fuel and Electricity. Fuel is used quite generally throughout the industrial field for the generation of power by means of steam and internal combustion engines. It is also used for the heating of plants, and for providing the heat necessary to some manufacturing processes. The most important industries where heat is applied to the materials to facilitate or or accomplish the desired transformation are foundries and machine shops, brick, tile, lime, and cement-making, petroleum refining, the glass industry, distilleries, food preparation, rubber goods, etc. Fuel used for such heating purposes, as well as for power, is included in the figures of Table 53. In addition to the electricity used for ordinary power purposes, the figures include also the electricity used for heating boilers in the pulp and paper industry. Consumption of surplus energy in electric boilers increased rapidly during the year preceding the Second World War.

The figures of the table do not include coke charged to iron-blast furnaces or foundry cupolas. Neither do they include fuels that constitute the raw materials to be transformed as coal in the coke and gas industries and crude petroleum in the refining industry.

The value of fuel consumed increased 343 p.c. from 1939 to 1951. Part of the increase was due to an increase in the quantity used and part to the rise in the unit cost of fuels of all kinds. The cost of electricity purchased, on the other hand, has increased during the same period by 146 p.c. The groups of industries in which fuel was most extensively used in 1951 were: paper products, iron and steel, food and beverages, products of petroleum and coal, non-ferrous metal products, non-metallic mineral products and chemicals and allied products.

Of the total cost of purchased fuel and electricity for Canada as a whole in 1951, 67.0 p.c. was for fuel and 33.0 p.c. for electricity. Newfoundland with 94.2 p.c. of the total was the largest user of fuel, while Quebec with 55.6 p.c. was the smallest. Provinces lacking in water power resources naturally have to rely on fuel for power and for this reason the percentage that fuel is to the total is much higher than in Provinces such as Quebec where there is an abundant supply of water for power purposes. In the Provinces of Prince Edward Island, Nova Scotia, New Brunswick, Saskatchewan, and Alberta, primary power produced from fuels is an important factor in power utilization.

Power Consumption. Power equipment installed in manufacturing establishments is a very good barometer of the industrial development of Canada, inasmuch as production is increasingly dependent on power equipment. Increases and decreases in productive capacity, measured in horse-power, are not the result of temporary fluctuations in costs and values in the same manner as capital investments, values of products, etc. Of course, power equipment installed is not a measure of the actual utilization of power for there is generally an excess over actual requirements, i.e., over power equipment in operation. Producers must have an installed operating margin in excess of normal requirements to provide for booming business conditions or breakdown of part of the plant. In times of depression this margin increases. During short periods of expanded production, the number of horse-power per wage-earner tends to decrease in view of the fact power equipment is not immediately increased, the expanded production being secured through overtime work or an increase in the number of shifts worked.

Of the total increase in power equipment employed in manufacturing industries between 1939 and 1948, 65 p.c. was in electric motors operated by power purchased from central electric stations. However, some sections of Canada are not well provided with water power and in such sections primary power derived from steam engines or turbines, and internal combustion engines—which include all gasoline engines, gas engines (natural, coal, and producer gas), and compression-ignition engines—also has increased rapidly during the period covered. During the period 1939-1948 there was an increase of 57 p.c. in the capacity of water wheels, 30 p.c. in the capacity of steam engines, 55 p.c. in the capacity of electric motors, while internal combustion engines quadrupled during the same period. The collection of statistics on power equipment was discontinued in 1949 and will in future be collected only periodically.

Power consumed by the manufacturing industries, purchased power as well as power generated for own use, totalled 37.6 billion K.W.H. in 1951, an increase of 94 p.c. as compared with 1939. Of the total consumed, Quebec used 52.0 p.c., Ontario 31.1 p.c., British Columbia 7.6 p.c., Newfoundland 2.4 p.c., New Brunswick 2.1 p.c. and Manitoba 2.0 p.c.

The paper products group with 35.2 p.c. of the total was the largest user of electric power. This group was also the largest user of purchased fuel. The non-ferrous metal products group was the second largest user of power with 29.0 p.c., followed by chemicals and allied products with 12.7 p.c., iron and steel products 8.1 p.c., non-metallic mineral products 4.5 p.c., etc.

Table 53 gives details of purchased fuel and electricity as well as power consumption by industrial groups and provinces.

TABLE 53. Value of Fuel and Electricity Used by the Manufacturing Industries of Canada, 1939-50 with Details by Provinces and Industrial Groups, 1951

Note: Includes fuel and electricity used in smelters for metallurgical purposes.

Year, Province or Group	Value of purchased fuel	Value of purchased electricity	Total	Consumption of electric power		
				Purchased	Generated for own use	Total
	$	$	$	1000 K.W.H.	1000 K.W.H.	1000 K.W.H.
1939	57,063,131	50,509,121	107,572,252	17,072,764	2,357,669	19,430,433
1940	78,550,913	58,429,262	136,980,175	17,954,995	2,640,918	20,595,913
1941	102,886,816	71,754,501	174,641,317	20,289,238	2,840,841	23,130,079
1942	121,512,643	85,205,846	206,718,489	23,650,840	3,345,443	26,996,283
1943	134,004,345	91,950,030	225,954,375	26,399,730	3,211,610	29,611,340
1944	137,883,770	87,699,383	225,583,153	25,777,238	2,752,124	28,529,362
1945	128,384,255	83,999,865	212,384,120	23,986,993	2,362,260	26,349,253
1946	127,179,620	83,273,105	210,452,725	25,250,876	2,714,261	27,965,137
1947	163,813,503	90,876,176	254,689,679	26,728,239	3,467,535	30,195,774
1948	209,063,839	94,475,355	303,539,194	24,907,413	4,590,676	29,498,089
1949	208,776,571	97,019,231	305,795,802	25,067,855	5,898,390	30,966,245
1950	229,993,079	106,940,541	336,933,620	27,482,129	6,266,050	33,748,179
PROVINCES, 1951						
Newfoundland	3,611,385	223,742	3,835,127	8,089	875,940	884,029
Prince Edward Island	206,857	92,037	298,894	3,614	—	3,614
Nova Scotia	9,723,309	2,293,959	12,017,268	287,654	156,555	444,209
New Brunswick	7,960,860	2,258,825	10,219,685	467,852	331,094	798,946
Quebec	75,449,220	60,135,802	135,585,022	18,711,282	835,184	19,546,466
Ontario	124,905,490	46,031,295	170,936,785	9,747,987	1,951,978	11,699,965
Manitoba	6,067,822	3,225,945	9,293,767	759,046	12,039	771,085
Saskatchewan	3,078,173	1,494,792	4,572,965	257,437	11,048	268,485
Alberta	4,654,338	2,546,854	7,201,192	324,542	8,928	333,470
British Columbia	16,758,654	5,832,705	22,591,359	675,704	2,186,000	2,861,704
Yukon and Northwest Territories	157,844	4,088	161,932	42	328	370
Canada	**252,573,952**	**124,140,044**	**376,713,996**	**31,243,249**	**6,369,094**	**37,612,343**
INDUSTRIAL GROUPS, 1951						
Foods and beverages	35,033,045	10,549,788	45,582,833	888,138	47,902	936,040
Tobacco and tobacco products	366,851	186,864	553,715	13,735	—	13,735
Rubber products	2,020,805	1,521,054	3,541,859	235,800	10,027	245,827
Leather products	1,176,414	707,222	1,883,636	44,683	—	44,683
Textile products (except clothing)	8,199,992	5,036,762	13,236,754	643,338	98,206	741,544
Clothing (textile and fur)	2,199,836	1,792,894	3,992,730	93,967	1,281	95,248
Wood products	8,271,643	4,997,175	13,268,818	311,622	110,655	422,277
Paper products	50,747,302	27,681,245	78,428,547	9,321,255	3,932,680	13,253,935
Printing, publishing and allied industries	1,882,539	1,863,995	3,746,534	113,719	—	113,719
Iron and steel products	36,629,262	16,120,558	52,749,820	2,827,019	225,509	3,052,528
Transportation equipment	9,333,969	4,652,665	13,986,634	502,801	116,420	619,221
Non-ferrous metal products	24,353,996	25,215,573	49,569,569	10,273,919	624,489	10,898,408
Electrical apparatus and supplies	3,142,696	2,702,084	5,844,780	287,464	18,041	305,505
Non-metallic mineral products	23,130,394	7,384,474	30,514,868	1,668,420	12,029	1,680,449
Products of petroleum and coal	29,735,739	1,959,011	31,694,750	276,533	8,950	285,483
Chemicals and allied products	15,053,951	10,451,604	25,505,555	3,627,065	1,158,904	4,785,969
Miscellaneous industries	1,295,518	1,317,076	2,612,594	113,771	4,001	117,772

PART II. PROVINCIAL AND LOCAL DISTRIBUTION OF MANUFACTURING PRODUCTION

Section 1. Type and Concentration of Manufacturing Production

This part of the Report is introduced by a general analysis of the concentration of the manufacturing industries in the provinces. In the sections that follow, the principal features of the manufactures of each province are brought out and finally the distribution of manufacturing throughout the principal cities and towns of Canada is shown.

Ontario and Quebec are by far the most important manufacturing provinces of Canada. Their combined production in 1951 amounted to $12,990,888,636 or 79 p.c. of the total gross value of manufactured products. The proximity of Ontario to the coalfields of Pennsylvania, the water power and other varied resources of the provinces, and their nearness to the larger markets of Canada and the United States have all contributed to this progress.

Table 1 shows the outstanding predominance of Ontario and Quebec in each industrial group. Quebec leads in the manufacture of tobacco and tobacco products, textiles (except clothing), clothing (textile and fur), paper products and products of petroleum and coal. In each of the other groups Ontario has the greater production of the two provinces. In the production of wood products British Columbia with 40 p.c. of the total holds the dominant position, outranking both Ontario and Quebec which account respectively for 25 and 21 p.c. of the total. In each of the other groups Ontario and Quebec lead by a wide margin.

TABLE 1. Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1951

Province and Group	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
	No.	No.	$	$	$	$
Canada						
Foods and beverages*	8,388	172,493	392,859,435	2,419,206,798	985,240,884	3,450,030,515
Tobacco and tobacco products	62	9,826	24,438,218	119,590,053	59,033,325	179,177,093
Rubber products	67	23,054	64,357,696	146,951,650	161,184,980	311,678,489
Leather products	711	31,578	59,668,764	135,114,110	84,885,048	221,882,794
Textile products (except clothing)	892	81,710	185,030,489	495,304,102	337,936,447	846,477,303
Clothing (textile and fur)	3,083	115,733	222,364,947	405,347,118	370,672,177	780,012,025
Wood products	11,975	131,278	283,062,074	610,807,577	529,300,377	1,153,376,772
Paper products	547	82,889	276,521,006	683,488,653	827,924,962	1,589,842,162
Printing, publishing and allied industries	4,019	64,694	170,828,730	152,753,412	295,642,569	452,142,515
Iron and steel products	2,435	183,323	547,314,615	860,565,510	991,334,800	1,904,650,130
Transportation equipment	599	122,517	368,106,433	870,178,794	657,424,400	1,541,589,828
Non-ferrous metal products	536	50,114	150,733,704	797,412,763	406,616,836	1,253,599,168
Electrical apparatus and supplies	373	67,626	194,749,038	316,561,307	353,602,872	676,008,959
Non-metallic mineral products	1,042	31,522	86,078,972	109,011,701	195,348,829	334,875,398
Products of petroleum and coal	82	15,598	51,947,890	497,982,695	179,872,590	709,550,035
Chemicals and allied products	1,037	45,664	131,310,151	366,957,695	384,026,141	776,489,391
Miscellaneous industries	1,173	28,756	66,908,755	87,292,415	120,899,546	210,804,555
Totals	**37,021**	**1,258,375**	**3,276,280,917**	**9,074,526,353**	**6,940,946,783**	**16,392,187,132**
Newfoundland						
Foods and beverages*	75	3,413	5,105,057	13,398,634	12,182,314	26,470,584
Tobacco and tobacco products	1	1	1	1	1	1
Rubber products	—	—	—	—	—	—
Leather products	1	1	1	1	1	1
Textile products (except clothing)	5	103	205,286	555,276	562,822	1,136,352
Clothing (textile and fur)	5	306	360,758	435,754	501,953	946,755
Wood products	666	1,445	1,311,581	3,036,950	2,681,859	5,836,337
Paper products	3	3,279	13,392,916	23,133,696	34,174,834	59,958,553
Printing, publishing and allied industries	30	378	924,009	394,288	1,270,863	1,702,273
Iron and steel products	8	247	569,747	388,511	839,541	1,267,625
Transportation equipment	7	115	201,420	226,266	281,715	513,445
Non-ferrous metal products	—	—	—	—	—	—
Electrical apparatus and supplies	—	—	—	—	—	—
Non-metallic mineral products	13	110	205,035	304,852	329,935	676,960
Products of petroleum and coal	—	—	—	—	—	—
Chemicals and allied products	6	74	159,912	659,436	315,925	988,021
Miscellaneous industries[2]	4	152	245,525	583,636	548,426	1,145,708
Totals	**822**	**9,622**	**22,681,246**	**43,117,299**	**53,690,187**	**100,642,613**
Prince Edward Island						
Foods and beverages	125	1,066	1,481,952	13,613,570	3,210,597	17,055,728
Tobacco and tobacco products	3	3	3	3	3	3
Rubber products	—	—	—	—	—	—
Leather products	3	3	3	3	3	3
Textile products (except clothing)	3	62	94,817	1,411,862	213,084	1,630,720
Clothing (textile and fur)	—	—	—	—	—	—
Wood products	84	260	254,191	632,293	473,131	1,125,796
Paper products	—	—	—	—	—	—
Printing, publishing and allied industries	9	155	297,629	147,953	443,907	603,953
Iron and steel products	5	116	192,989	243,341	239,717	498,747
Transportation equipment	4	6	2,980	3,210	4,075	7,855
Non-ferrous metal products	—	—	—	—	—	—
Electrical apparatus and supplies	—	—	—	—	—	—
Non-metallic mineral products	3	3	3	3	3	3
Products of petroleum and coal	—	—	—	—	—	—
Chemicals and allied products	3	3	3	3	3	3
Miscellaneous industries	—	—	—	—	—	—
All other groups	7	70	134,995	1,125,519	462,286	1,600,640
Totals	**237**	**1,735**	**2,459,553**	**17,177,748**	**5,046,797**	**22,523,439**

* Includes "Fish processing" in Newfoundland.

TABLE 1. Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1951 — Continued

Province and Group	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
	No.	No.	$	$	$	$
Nova Scotia						
Foods and beverages	402	7,719	12,494,176	49,348,952	26,552,190	77,428,134
Tobacco and tobacco products	—	—	—	—	—	—
Rubber products	—	—	—	—	—	—
Leather products	4	108	166,083	343,644	301,276	649,220
Textile products (except clothing)	11	771	1,621,745	5,409,170	3,909,543	9,476,112
Clothing (textile and fur)	15	1,329	1,975,024	5,226,468	2,651,045	7,992,229
Wood products	735	4,949	6,931,740	19,595,848	12,847,652	32,936,410
Paper products	7	1,321	4,022,324	7,274,116	11,551,343	20,237,327
Printing, publishing and allied industries	120	1,269	2,627,540	2,015,544	5,032,427	7,144,949
Iron and steel products	48	6,895	18,422,472	29,820,804	26,763,301	61,473,647
Transportation equipment	69	4,051	10,082,041	19,922,069	16,367,863	36,836,475
Non-ferrous metal products	—	—	—	—	—	—
Electrical apparatus and supplies	[1]	[1]	[1]	[1]	[1]	[1]
Non-metallic mineral products	26	628	1,297,049	1,083,537	2,841,182	4,430,322
Products of petroleum and coal	3	980	3,171,338	28,309,003	7,705,699	38,093,255
Chemicals and allied products	15	296	758,746	3,465,724	2,517,769	6,137,001
Miscellaneous industries[4]	19	196	405,476	300,457	445,340	784,153
Totals	**1,474**	**30,512**	**63,975,754**	**172,115,336**	**119,486,630**	**303,619,234**
New Brunswick						
Foods and beverages	355	6,943	11,247,871	82,878,424	26,143,202	110,882,568
Tobacco and tobacco products	—	—	—	—	—	—
Rubber products	—	—	—	—	—	—
Leather products	12	328	537,005	1,522,874	981,186	2,520,173
Textile products (except clothing)	16	2,043	4,315,183	9,169,356	6,697,059	16,179,609
Clothing (textile and fur)	6	98	118,943	192,305	154,306	349,130
Wood products	533	4,863	8,005,835	20,605,474	14,111,208	35,168,531
Paper products	14	4,052	14,689,808	41,039,557	49,629,344	97,011,008
Printing, publishing and allied industries	64	866	1,802,399	1,119,369	3,010,821	4,209,129
Iron and steel products	29	1,206	2,914,959	4,863,579	5,320,003	10,375,885
Transportation equipment	11	2,674	6,463,526	7,906,366	7,050,624	15,286,939
Non-ferrous metal products	[1]	[1]	[1]	[1]	[1]	[1]
Electrical apparatus and supplies	—	—	—	—	—	—
Non-metallic mineral products	24	375	842,008	1,347,153	2,239,095	4,001,943
Products of petroleum and coal	[1]	[1]	[1]	[1]	[1]	[1]
Chemicals and allied products	7	132	330,996	2,785,704	852,377	3,692,802
Miscellaneous industries[5]	13	925	2,278,349	2,928,703	4,405,730	7,495,787
Totals	**1,084**	**24,505**	**53,546,882**	**176,358,864**	**120,594,955**	**307,173,504**
Quebec						
Foods and beverages	2,692	42,677	93,949,971	610,084,307	248,149,436	870,082,103
Tobacco and tobacco products	38	7,800	20,280,534	61,800,486	50,157,594	112,307,742
Rubber products	24	7,184	17,423,541	24,938,363	28,790,508	54,504,987
Leather products	376	16,505	28,328,584	54,123,288	41,770,858	96,455,777
Textile products (except clothing)	410	46,853	103,729,626	263,393,294	185,190,074	456,085,491
Clothing (textile and fur)	1,760	66,356	123,042,915	232,449,850	215,995,017	451,385,849
Wood products	3,402	32,809	59,544,724	136,150,070	106,650,947	245,742,191
Paper products	184	32,916	107,805,568	276,155,679	320,554,707	635,187,414
Printing, publishing and allied industries	1,064	16,988	44,160,737	41,525,364	76,372,410	118,753,394
Iron and steel products	556	41,897	117,810,838	158,102,712	210,704,557	377,094,686
Transportation equipment	106	31,016	85,105,600	119,943,948	105,580,217	229,059,337
Non-ferrous metal products	158	16,407	48,754,139	285,375,990	127,395,511	439,395,936
Electrical apparatus and supplies	76	18,611	52,751,108	78,932,314	91,855,377	172,319,956
Non-metallic mineral products	283	9,193	23,771,284	32,314,948	56,523,276	99,303,025
Products of petroleum and coal	13	3,351	11,427,570	191,756,322	64,077,116	267,814,499
Chemicals and allied products	339	18,382	50,654,738	103,605,293	122,869,316	233,719,861
Miscellaneous industries	380	8,237	17,060,203	24,986,418	31,296,830	56,945,171
Totals	**11,861**	**417,182**	**1,005,601,680**	**2,696,638,646**	**2,083,933,751**	**4,916,157,419**
Ontario						
Foods and beverages	3,089	69,531	165,907,880	948,643,352	424,366,076	1,391,957,349
Tobacco and tobacco products	20	1,883	3,921,151	57,228,474	8,335,889	65,756,004
Rubber products	37	15,825	46,832,708	121,981,566	132,244,763	256,983,995
Leather products	251	13,378	28,366,500	73,170,018	38,026,766	112,428,023
Textile products (except clothing)	375	30,107	71,445,451	197,482,788	135,254,836	337,792,692
Clothing (textile and fur)	1,013	38,800	80,496,204	132,559,992	124,852,909	259,093,661
Wood products	2,672	36,657	79,856,745	144,142,923	135,155,404	282,780,362
Paper products	267	32,445	106,323,628	261,444,514	295,350,337	579,360,978
Printing, publishing and allied industries	1,641	32,969	91,256,234	84,550,472	157,080,008	243,591,735
Iron and steel products	1,247	117,135	362,390,696	599,773,775	662,930,499	1,299,523,236
Transportation equipment	237	70,188	225,573,390	683,679,966	480,023,097	1,171,884,153
Non-ferrous metal products	306	27,692	82,906,847	322,748,682	256,892,371	598,631,892
Electrical apparatus and supplies	247	47,681	138,733,370	230,639,879	255,317,000	490,151,476
Non-metallic mineral products	490	16,510	47,742,385	59,548,181	106,503,220	180,848,596
Products of petroleum and coal	30	7,882	26,375,744	142,543,034	66,530,591	220,884,128
Chemicals and allied products	513	22,762	67,419,867	217,922,907	212,596,448	447,264,455
Miscellaneous industries	590	17,988	43,838,182	56,333,844	77,939,851	135,798,482
Totals	**13,025**	**599,433**	**1,669,386,982**	**4,334,394,367**	**3,569,400,065**	**8,074,731,217**

TABLE 1. Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1951 — Continued

Province and Group	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
	No.	No.	$	$	$	$
Manitoba						
Foods and beverages	362	9,562	24,448,189	189,035,487	58,152,796	249,714,120
Tobacco and tobacco products	—	—	—	—	—	—
Rubber products	[1]	[1]	[1]	[1]	[1]	[1]
Leather products	29	716	1,201,385	3,735,315	2,031,586	5,799,701
Textile products (except clothing)	25	844	1,624,955	8,712,742	2,877,131	11,649,992
Clothing (textile and fur)	165	6,083	11,386,036	23,218,051	18,213,849	41,597,542
Wood products	322	3,118	6,494,451	13,028,441	11,183,704	24,501,739
Paper products	21	1,370	3,961,724	11,351,157	14,889,803	27,274,150
Printing, publishing and allied industries	280	3,714	8,865,980	7,813,524	15,871,733	23,901,511
Iron and steel products	112	4,899	13,252,922	17,004,394	26,898,294	44,843,490
Transportation equipment	22	7,215	19,296,284	20,730,683	20,890,924	42,341,851
Non-ferrous metal products	19	463	1,369,016	20,798,001	- 197,646	21,134,934
Electrical apparatus and supplies	18	698	1,515,509	3,866,371	3,541,017	7,476,642
Non-metallic mineral products	41	907	2,329,910	3,399,444	6,930,042	11,821,314
Products of petroleum and coal	5	533	1,542,057	18,105,182	3,864,512	22,960,245
Chemicals and allied products	42	735	1,648,868	7,310,831	5,366,330	12,819,198
Miscellaneous industries[6]	49	602	1,233,680	1,093,989	2,334,592	3,509,617
Totals	**1,512**	**41,459**	**100,170,966**	**349,203,612**	**192,848,667**	**551,346,046**
Saskatchewan						
Foods and beverages	222	5,003	12,297,608	100,645,066	31,036,221	133,231,555
Tobacco and tobacco products	—	—	—	—	—	—
Rubber products	—	—	—	—	—	—
Leather products	[1]	[1]	[1]	[1]	[1]	[1]
Textile products (except clothing)	5	115	238,450	1,673,007	331,460	2,018,652
Clothing (textile and fur)	15	209	387,871	812,814	752,811	1,572,923
Wood products	434	1,706	2,632,964	5,068,882	5,380,088	10,627,539
Paper products	4	20	44,573	39,170	112,955	153,150
Printing, publishing and allied industries	182	1,432	3,316,025	2,119,925	5,265,611	7,495,948
Iron and steel products	49	708	1,593,176	3,137,589	2,600,009	5,834,296
Transportation equipment	6	26	77,131	100,835	148,170	255,323
Non-ferrous metal products	[1]	[1]	[1]	[1]	[1]	[1]
Electrical apparatus and supplies	—	—	—	—	—	—
Non-metallic mineral products	27	365	934,487	1,023,052	2,242,603	3,439,824
Products of petroleum and coal	8	764	2,470,190	36,189,669	9,317,334	46,902,653
Chemicals and allied products	8	163	500,009	994,356	819,704	1,842,123
Miscellaneous industries[7]	13	512	1,797,810	33,347,090	3,081,640	37,439,040
Totals	**973**	**11,023**	**26,290,294**	**185,151,455**	**61,088,606**	**250,813,026**
Alberta						
Foods and beverages	417	9,537	23,847,300	189,955,325	54,939,830	246,955,138
Tobacco and tobacco products	—	—	—	—	—	—
Rubber products	[1]	[1]	[1]	[1]	[1]	[1]
Leather products	11	60	108,488	122,376	148,565	273,173
Textile products (except clothing)	12	165	304,828	2,681,606	619,700	3,314,362
Clothing (textile and fur)	31	973	1,741,439	4,378,407	2,802,104	7,202,106
Wood products	1,111	6,613	11,343,241	29,842,150	20,577,822	51,207,703
Paper products	8	203	510,732	1,993,868	1,402,296	3,420,422
Printing, publishing and allied industries	244	2,041	4,849,132	4,087,784	9,360,997	13,547,826
Iron and steel products	118	2,718	7,300,975	8,446,821	12,383,121	21,089,553
Transportation equipment	22	2,742	7,499,983	8,313,244	7,936,616	16,507,533
Non-ferrous metal products	7	67	169,735	941,339	440,091	1,390,028
Electrical apparatus and supplies	4	16	37,977	73,236	120,469	195,757
Non-metallic mineral products	67	2,012	5,102,847	6,070,483	10,957,774	18,147,022
Products of petroleum and coal	11	1,037	3,542,452	48,929,517	12,100,423	62,779,632
Chemicals and allied products	24	613	1,965,484	2,867,162	6,274,323	9,891,475
Miscellaneous industries[8]	31	308	810,974	727,300	1,585,443	2,359,654
Totals	**2,118**	**29,105**	**69,135,587**	**309,430,618**	**141,649,574**	**458,281,384**
British Columbia						
Foods and beverages	644	17,025	42,052,495	221,553,032	100,450,968	326,137,658
Tobacco and tobacco products	[1]	[1]	[1]	[1]	[1]	[1]
Rubber products	4	35	85,959	28,427	131,226	167,272
Leather products	24	476	947,667	2,077,778	1,607,018	3,718,889
Textile products (except clothing)	30	647	1,450,148	4,815,001	2,280,738	7,193,321
Clothing (textile and fur)	73	1,579	2,855,757	5,073,477	4,748,183	9,871,830
Wood products	2,009	38,793	106,537,243	238,427,022	219,875,798	462,793,788
Paper products	39	7,283	25,769,733	61,056,896	100,259,343	167,239,160
Printing, publishing and allied industries	383	4,871	12,700,145	8,972,689	21,890,577	31,139,582
Iron and steel products	263	7,502	22,865,841	38,783,984	42,655,758	82,648,965
Transportation equipment	115	4,484	13,804,078	9,352,207	19,141,099	28,896,917
Non-ferrous metal products	41	4,532	14,625,693	133,419,048	16,810,296	152,559,667

TABLE 1. Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1951 — Concluded

Province and Group	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
	No.	No.	$	$	$	$
British Columbia — Concluded						
Electrical apparatus and supplies	27	505	1,471,601	2,822,711	2,619,995	5,484,684
Non-metallic mineral products	69	1,409	3,828,741	3,906,280	6,732,843	12,140,659
Products of petroleum and coal	10	993	3,212,274	31,370,490	15,981,694	48,903,299
Chemicals and allied products	81	2,470	7,793,044	26,258,994	32,039,118	58,664,098
Miscellaneous industries[9]	85	1,043	2,625,864	1,922,381	5,223,911	7,320,552
Totals	**3,897**	**93,647**	**262,626,283**	**789,840,417**	**592,448,565**	**1,404,880,341**
Yukon and Northwest Territories						
Foods and beverages	5	17	26,936	50,649	57,254	115,578
Wood products	7	65	149,359	277,524	362,764	656,376
All other groups[10]	6	70	229,395	769,818	338,968	1,246,955
Totals	**18**	**152**	**405,690**	**1,097,991**	**758,986**	**2,018,909**

1. Confidential. Included with "Miscellaneous Industries".
2. Includes tobacco and leather products.
3. Included with "All other groups".
4. Includes electrical apparatus and supplies.
5. Includes non-ferrous metal products and products of petroleum and coal.
6. Includes rubber products.
7. Includes leather and non-ferrous metal products.
8. Includes rubber products.
9. Includes tobacco products.
10. Includes printing, publishing and allied trades; non-ferrous metal products; products of petroleum and coal and miscellaneous industries.

The degree of concentration of manufacturing in large units is illustrated in Table 2. In Ontario 39.6 p.c. of all persons engaged in manufacturing were employed in establishments having 500 or more employees, as compared with 35.7 p.c. for Canada as a whole. Quebec ranked second with 37.7 p.c., followed by New Brunswick with 34.4 p.c., Newfoundland 32.6 p.c., Nova Scotia 29.2 p.c., British Columbia 24.4 p.c., Manitoba 21.4 p.c., and Alberta with 10.4 p.c. There were no plants in either Prince Edward Island of Saskatchewan with an employment of 500 or more persons. In 1950 Newfoundland occupied the premier position with 39.2 p.c. of the total. By including the fish processing plants with manufacturing in 1951, the proportion of the plants employing 500 or more persons was, thereby, considerable lowered, viz. to 32.6 p.c.

TABLE 2. Concentration of Manufacturing Production in Each Province, 1951

Province	Number of establishments employing 500 or more persons	Percentage of total number of establishments in province	Provincial percentage of number of employees accounted for by these establishments
Newfoundland	2	0.2	32.6
Prince Edward Island	—	—	—
Nova Scotia	9	0.6	29.2
New Brunswick	10	0.9	34.4
Quebec	135	1.1	37.7
Ontario	185	1.4	39.6
Manitoba	7	0.5	21.4
Saskatchewan	—	—	—
Alberta	4	0.2	10.4
British Columbia	25	0.6	24.4
Yukon and Northwest Territories	—	—	—
Canada	**377**	**1.0**	**35.7**

TABLE 3. Principal Statistics of Manufacturing Industries of Canada and Each Province, Classified by Number of Employees per Establishment, 1951

Province and group	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Canada:						
Under 5 employees	16,281	35,441	46,818,561	5,748,246	190,662,685	288,282,864
5 to 14 employees	9,591	79,656	152,675,486	12,279,235	440,118,639	745,049,795
15 " 49 "	6,203	165,113	359,402,676	25,049,747	958,174,600	1,691,984,149
50 " 99 "	1,960	136,274	314,586,011	23,685,628	896,287,506	1,578,946,251
100 " 199 "	1,107	154,222	373,197,906	30,715,930	1,075,172,583	1,902,215,281
200 " 499 "	739	225,036	610,860,008	78,152,536	1,774,863,439	3,237,747,662
500 " 999 "	248	172,347	499,779,570	71,412,940	1,546,733,659	2,794,342,755
1,000 and over	129	277,364	864,790,982	129,659,733	2,188,921,931	4,149,242,766
Not classifiable	763	—	—	—	3,591,311	4,375,609
Head Offices[1]	—	12,922	54,169,717	10,001	—	—
Totals	**37,021**	**1,258,375**	**3,278,280,917**	**376,713,996**	**9,074,526,353**	**16,392,187,132**

1. Under this heading are included only those head offices that are not located at the plant.

TABLE 3. Principal Statistics of Manufacturing Industries of Canada and Each Province, Classified by Number of Employees per Establishment, 1951 — Continued

Province and group	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Newfoundland:						
Under 5 employees	662	1,049	665,951	73,973	1,260,892	2,749,056
5 to 14 employees	78	676	1,021,277	121,027	2,373,430	4,502,341
15 " 49 "	49	1,217	2,058,982	268,483	4,566,697	9,675,922
50 " 99 "	16	1,122	2,302,278	481,260	5,148,951	10,759,510
100 " 199 "	10	1,335	2,401,485	142,395	5,557,736	9,569,371
200 and over	5	4,218	14,215,013	2,747,989	24,205,644	63,379,534
Not classifiable	2	—	—	—	3,949	6,879
Head Offices[1]	—	5	16,260	—	—	—
Totals	**822**	**9,622**	**22,681,246**	**3,835,127**	**43,117,299**	**100,642,613**
Prince Edward Island:						
Under 5 employees	139	280	259,206	49,502	3,014,900	3,803,539
5 to 14 employees	69	567	664,977	83,150	3,317,878	4,715,781
15 " 49 "	24	556	785,711	86,686	4,585,832	6,090,453
50 and over	4	332	749,659	79,556	6,257,512	7,912,040
Not classifiable	1	—	—	—	1,626	1,626
Totals	**237**	**1,735**	**2,459,553**	**298,894**	**17,177,748**	**22,523,439**
Nova Scotia:						
Under 5 employees	713	1,561	1,585,808	168,195	5,759,950	9,291,507
5 to 14 employees	429	3,686	5,387,224	548,807	17,803,428	29,253,212
15 " 49 "	199	5,221	8,659,507	1,227,335	28,345,531	46,323,646
50 " 99 "	54	3,576	6,716,496	814,540	17,712,817	33,461,327
100 " 199 "	21	2,809	5,770,066	600,616	11,828,162	24,147,050
200 " 499 "	14	4,671	11,639,312	2,690,907	43,406,873	71,673,003
500 " 999 "	4	2,114	5,252,826	1,353,257	10,970,485	24,097,599
1,000 and over	5	6,793	18,734,072	4,613,611	36,231,157	65,306,507
Not classifiable	35	—	—	—	56,933	65,383
Head Offices[1]	—	81	230,443	—	—	—
Totals	**1,474**	**30,512**	**63,975,754**	**12,017,268**	**172,115,336**	**303,619,234**
New Brunswick:						
Under 5 employees	537	1,088	1,096,470	137,490	3,547,116	5,815,230
5 to 14 employees	319	2,652	3,992,037	492,235	14,754,014	23,541,225
15 " 49 "	138	3,555	5,817,736	603,473	21,025,260	32,433,005
50 " 99 "	40	2,779	5,305,256	606,597	18,203,005	30,548,582
100 " 199 "	18	2,490	4,941,003	400,524	14,541,316	25,540,081
200 " 499 "	11	3,388	8,859,704	2,006,691	30,255,602	55,956,238
500 and over	10	8,419	22,803,191	5,972,675	73,992,378	133,278,702
Not classifiable	11	—	—	—	40,173	60,441
Head Offices[1]	—	134	731,485	—	—	—
Totals	**1,084**	**24,505**	**53,546,882**	**10,219,685**	**176,358,864**	**307,173,504**
Quebec:						
Under 5 employees	5,189	11,680	15,285,570	1,880,113	84,236,090	117,181,903
5 to 14 employees	3,022	25,130	45,417,425	3,198,431	137,147,867	230,423,108
15 " 49 "	2,088	56,420	110,569,618	6,555,369	283,503,511	503,646,789
50 " 99 "	645	44,428	91,852,819	6,074,843	235,452,356	430,019,252
100 " 199 "	347	48,858	107,470,803	8,132,348	302,587,515	537,124,452
200 " 499 "	215	66,924	169,188,268	29,111,087	489,532,259	933,104,786
500 " 999 "	88	62,564	166,709,130	36,601,811	646,596,550	1,058,213,085
1,000 and over	47	94,748	272,379,826	44,031,020	516,445,035	1,105,043,375
Not classifiable	220	—	—	—	1,137,463	1,400,669
Head Offices[1]	—	6,430	26,728,221	—	—	—
Totals	**11,861**	**417,182**	**1,005,601,680**	**135,585,022**	**2,696,638,646**	**4,916,157,419**
Ontario:						
Under 5 employees	4,965	11,036	16,467,379	2,203,150	64,867,806	98,791,288
5 to 14 employees	3,432	28,872	59,743,937	4,777,603	161,278,752	277,741,255
15 " 49 "	2,428	65,600	153,098,089	10,955,220	403,322,107	721,708,399
50 " 99 "	838	58,908	143,146,802	9,591,640	385,489,848	690,177,257
100 " 199 "	528	73,551	186,327,638	14,259,964	459,548,881	858,756,038
200 " 499 "	396	119,280	332,414,577	32,296,969	823,933,011	1,556,952,334
500 " 999 "	121	83,910	244,269,448	26,495,165	623,997,781	1,281,949,447
1,000 and over	64	153,248	512,617,338	70,357,074	1,410,200,990	2,586,506,667
Not classifiable	253	—	—	—	1,755,191	2,148,532
Head Offices[1]	—	5,028	21,301,774	—	—	—
Totals	**13,025**	**599,433**	**1,669,386,982**	**170,936,785**	**4,334,394,367**	**8,074,731,217**
Manitoba:						
Under 5 employees	621	1,394	1,993,549	220,244	6,037,186	9,875,046
5 to 14 employees	381	3,190	6,260,767	534,961	26,656,571	39,094,713
15 " 49 "	256	6,805	14,496,414	866,282	42,171,776	71,157,026
50 " 99 "	99	6,879	15,783,070	1,439,909	53,448,606	89,470,131
100 " 199 "	53	7,347	18,043,836	3,249,508	90,247,984	131,527,408
200 " 499 "	23	6,792	17,952,047	1,967,189	33,986,240	78,751,088
500 " 999 "	4	2,952	8,743,991	467,010	79,327,687	97,358,910
1,000 and over	3	5,920	16,208,902	548,664	17,107,607	33,865,173
Not classifiable	72	—	—	—	219,955	246,551
Head Offices[1]	—	180	688,390	—	—	—
Totals	**1,512**	**41,459**	**100,170,966**	**9,293,767**	**349,203,612**	**551,346,046**

1. Under this heading are included only those head offices that are not located at the plant.

TABLE 3. Principal Statistics of Manufacturing Industries of Canada and Each Province, Classified by Number of Employees per Establishment, 1951 — Concluded

Province and group	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Saskatchewan:						
Under 5 employees	594	1,064	1,165,065	146,450	2,783,352	5,094,903
5 to 14 employees	226	1,814	3,473,787	446,166	13,600,205	21,008,817
15 " 49 "	81	2,056	4,793,343	536,167	18,734,507	29,380,679
50 " 99 "	31	2,242	5,393,305	698,027	24,852,236	40,148,187
100 " 199 "	11	1,381	3,679,013	563,468	26,882,478	37,834,623
200 " 499 "	7	2,282	7,205,877	2,182,687	98,243,782	117,285,721
Not classifiable	23	—	—	—	54,895	60,096
Head Offices[1]	—	184	579,904	—	—	—
Totals	**973**	**11,023**	**26,290,294**	**4,572,965**	**185,151,455**	**250,813,026**
Alberta:						
Under 5 employees	1,212	2,400	2,888,541	347,118	9,284,268	15,027,500
5 to 14 employees	507	3,947	7,485,401	631,141	25,013,980	39,988,022
15 " 49 "	234	6,006	13,699,607	948,261	37,966,773	65,813,233
50 " 99 "	64	4,470	11,176,212	1,141,205	55,931,054	81,393,073
100 " 199 "	23	3,164	7,889,095	784,360	46,691,782	67,205,552
200 " 499 "	20	5,984	16,909,519	2,974,408	93,034,735	136,346,704
500 and over	4	3,034	8,658,723	374,699	41,431,600	52,421,442
Not classifiable	54	—	—	—	76,426	85,858
Head Offices[1]	—	100	428,489	—	—	—
Totals	**2,118**	**29,105**	**69,135,587**	**7,201,192**	**309,430,618**	**458,281,384**
British Columbia:						
Under 5 employees	1,639	3,865	5,372,036	512,557	9,809,139	20,498,931
5 to 14 employees	1,123	9,086	19,137,295	1,435,934	38,043,257	74,476,904
15 " 49 "	704	17,638	45,337,669	2,993,802	113,795,336	205,356,057
50 " 99 "	169	11,638	32,393,882	2,687,452	98,892,273	170,906,775
100 " 199 "	95	13,134	36,251,854	2,519,317	111,436,099	203,499,832
200 " 499 "	50	14,634	45,297,666	4,816,413	160,172,755	282,467,981
500 " 999 "	20	13,409	42,879,749	2,777,081	93,298,101	192,155,060
1,000 and over	5	9,463	32,491,381	4,838,802	164,148,757	255,219,227
Not classifiable	92	—	—	—	244,700	299,574
Head Offices[1]	—	780	3,464,751	10,001	—	—
Totals	**3,897**	**93,647**	**262,626,283**	**22,591,359**	**789,840,417**	**1,404,880,341**
Yukon and Northwest Territories:						
Under 5 employees	10	24	38,986	9,454	61,986	153,961
5 to 14 employees	5	36	91,359	9,780	129,257	304,417
15 " 49 "	2	92	275,345	142,698	906,748	1,560,531
50 " 99 "	1					
Totals	**18**	**152**	**405,690**	**161,932**	**1,097,991**	**2,018,909**

1. Under this heading are included only those head offices that are not located at the plant.

TABLE 4. Principal Statistics of the Manufacturing Industries of Canada and Each Province, Classified According to Gross Value of Production per Establishment, 1951

Province and group	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Canada:						
Under $25,000	15,795	37,629	45,563,839	4,286,223	67,277,779	144,070,647
$ 25,000 to $ 49,999	5,008	32,103	54,183,448	3,878,457	89,208,090	180,206,518
50,000 " 99,999	4,767	50,881	96,495,685	6,458,264	178,175,069	342,573,146
100,000 " 199,999	3,919	70,514	145,025,233	9,077,549	297,980,937	555,921,461
200,000 " 499,999	3,543	131,153	285,676,892	16,918,826	586,907,205	1,119,627,024
500,000 " 999,999	1,657	120,499	278,550,775	17,647,697	609,670,727	1,169,467,365
1,000,000 " 4,999,999	1,764	322,491	832,239,573	68,911,776	2,060,567,983	3,735,332,441
5,000,000 and over	568	480,183	1,484,375,755	249,525,203	5,184,738,563	9,144,988,530
Head Offices[1]	—	12,922	54,169,717	10,001	—	—
Totals	**37,021**	**1,258,375**	**3,276,280,917**	**376,713,996**	**9,074,526,353**	**16,392,187,132**
Newfoundland:						
Under $25,000	684	1,263	890,399	87,538	1,327,132	2,975,500
$ 25,000 to $ 49,999	38	313	391,591	44,161	586,404	1,316,657
50,000 " 99,999	28	415	663,548	46,472	999,464	2,018,396
100,000 " 199,999	19	366	626,599	61,901	1,174,185	2,519,473
200,000 " 499,999	26	1,053	1,870,921	191,486	4,740,690	8,593,360
500,000 " 999,999	17	1,482	2,662,542	597,141	5,353,802	11,713,215
1,000,000 " 4,999,999	8	1,588	2,737,411	164,624	7,028,160	13,336,255
5,000,000 and over	2	3,137	12,821,975	2,641,804	21,907,462	58,169,757
Head Offices[1]	—	5	16,260	—	—	—
Totals	**822**	**9,622**	**22,681,246**	**3,835,127**	**43,117,299**	**100,642,613**

1. Under this heading are included only those head offices that are not located at the plant.

TABLE 4. Principal Statistics of the Manufacturing Industries of Canada and Each Province, Classified According to Gross Value of Production per Establishment, 1951 — Continued

Province and group	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Prince Edward Island:						
Under $25,000	126	298	200,814	24,988	472,120	913,627
$ 25,000 to $ 49,999	35	203	224,129	26,859	867,117	1,286,249
50,000 " 99,999	38	421	528,861	66,809	1,757,536	2,734,643
100,000 " 199,999	18	318	442,443	42,822	1,806,595	2,595,423
200,000 " 499,999	16	266	503,981	63,185	3,925,847	4,958,294
500,000 " 999,999	2					
1,000,000 " 4,999,999	1	229	559,325	74,231	8,348,533	10,035,203
5,000,000 and over	1					
Totals	**237**	**1,735**	**2,459,553**	**298,894**	**17,177,748**	**22,523,439**
Nova Scotia:						
Under $25,000	723	1,689	1,597,045	152,084	3,054,000	5,979,786
$ 25,000 to $ 49,999	213	1,339	1,842,114	156,041	4,210,524	7,751,095
50,000 " 99,999	209	2,340	3,330,949	259,193	8,880,461	15,010,614
100,000 " 199,999	133	2,522	3,956,905	442,125	10,516,287	18,697,149
200,000 " 499,999	109	4,038	7,200,198	866,983	19,614,508	32,743,337
500,000 " 999,999	44	3,067	6,013,927	697,644	17,352,111	29,998,075
1,000,000 " 4,999,999	32	6,093	13,118,418	1,477,663	35,265,889	64,814,181
5,000,000 and over	11	9,343	26,685,755	7,965,535	73,221,556	128,624,997
Head Offices[1]	—	81	230,443	—	—	—
Totals	**1,474**	**30,512**	**63,975,754**	**12,017,268**	**172,115,336**	**303,619,234**
New Brunswick:						
Under $25,000	554	1,317	1,200,289	131,281	2,352,574	4,563,980
$ 25,000 to $ 49,999	155	1,056	1,440,671	144,421	3,097,295	5,733,822
50,000 " 99,999	146	1,720	2,367,069	261,915	5,927,603	10,552,982
100,000 " 199,999	95	1,768	2,834,114	321,489	7,735,258	13,464,975
200,000 " 499,999	58	2,085	4,012,811	483,694	10,064,010	17,860,000
500,000 " 999,999	26	1,940	3,636,795	289,009	10,199,758	17,513,927
1,000,000 " 4,999,999	38	6,365	12,721,786	1,170,261	40,310,938	68,314,214
5,000,000 and over	12	8,120	24,601,862	7,417,615	96,671,428	169,169,604
Head Offices[1]	—	134	731,485	—	—	—
Totals	**1,084**	**24,505**	**53,546,882**	**10,219,685**	**176,358,864**	**307,173,504**
Quebec:						
Under $25,000	4,713	11,698	14,237,703	1,349,783	24,307,385	47,711,284
$ 25,000 to $ 49,999	1,741	11,541	17,940,627	1,146,587	32,658,537	62,491,670
50,000 " 99,999	1,691	18,179	31,766,174	1,822,863	67,014,647	120,868,348
100,000 " 199,999	1,364	25,464	47,461,206	2,529,600	109,482,391	193,068,492
200,000 " 499,999	1,199	47,645	94,347,799	4,707,143	200,072,949	376,766,565
500,000 " 999,999	512	40,041	83,879,669	4,800,077	191,132,767	356,686,891
1,000,000 " 4,999,999	469	94,346	222,699,818	17,754,470	517,687,718	1,000,245,020
5,000,000 and over	172	161,838	466,540,463	101,474,499	1,554,282,252	2,758,319,149
Head Offices[1]	—	6,430	26,728,221	—	—	—
Totals	**11,861**	**417,182**	**1,005,601,680**	**135,585,022**	**2,696,638,646**	**4,916,157,419**
Ontario:						
Under $25,000	4,680	11,574	15,561,598	1,465,563	19,840,583	45,346,790
$ 25,000 to $ 49,999	1,789	11,064	20,269,353	1,477,504	30,883,145	64,307,509
50,000 " 99,999	1,758	18,126	37,427,646	2,560,291	63,857,404	126,802,180
100,000 " 199,999	1,461	26,492	58,303,055	3,485,096	107,577,182	208,373,330
200,000 " 499,999	1,449	54,807	126,617,468	7,039,646	232,511,543	463,828,215
500,000 " 999,999	734	54,928	133,604,099	8,157,215	256,443,245	525,187,490
1,000,000 " 4,999,999	882	168,239	456,526,311	37,293,273	1,083,636,281	1,915,722,500
5,000,000 and over	272	249,175	799,775,678	109,458,197	2,539,644,984	4,725,163,203
Head Offices[1]	—	5,028	21,301,774	—	—	—
Totals	**13,025**	**599,433**	**1,669,386,982**	**170,936,785**	**4,334,394,367**	**8,074,731,217**
Manitoba:						
Under $25,000	682	1,555	2,045,589	167,357	2,733,880	6,065,037
$ 25,000 to $ 49,999	161	1,122	1,943,749	143,786	2,672,043	5,722,767
50,000 " 99,999	170	2,133	4,125,633	265,004	5,867,642	12,719,606
100,000 " 199,999	153	2,543	5,121,378	303,812	12,507,183	21,932,732
200,000 " 499,999	170	5,922	12,772,436	803,018	28,959,827	52,876,777
500,000 " 999,999	76	4,853	11,295,207	592,253	30,441,761	52,355,139
1,000,000 " 4,999,999	80	12,093	30,066,944	3,086,111	88,793,558	160,412,651
5,000,000 and over	20	11,058	32,111,640	3,932,426	177,227,718	239,261,337
Head Offices[1]	—	180	688,390	—	—	—
Totals	**1,512**	**41,459**	**100,170,966**	**9,293,767**	**349,203,612**	**531,346,046**
Saskatchewan:						
Under $25,000	624	1,216	1,276,318	137,523	1,586,958	3,864,628
$ 25,000 to $ 49,000	91	617	1,077,690	100,480	1,512,317	3,381,702
50,000 " 99,999	75	727	1,555,015	154,406	2,462,377	5,406,677
100,000 " 199,999	58	733	1,764,959	220,299	4,813,812	8,318,283
200,000 " 499,999	66	1,732	3,745,131	390,089	13,753,137	21,337,258
500,000 " 999,999	23	1,156	2,757,643	231,874	10,057,506	15,797,833
1,000,000 " 4,999,999	26	2,096	5,352,602	593,370	26,031,546	43,792,090
5,000,000 and over	10	2,562	8,181,032	2,744,924	124,933,802	148,714,555
Head Offices[1]	—	184	579,904	—	—	—
Totals	**973**	**11,023**	**26,290,294**	**4,572,965**	**185,151,455**	**250,813,926**

1. Under this heading are included only those head offices that are not located at the plant.

TABLE 4. Principal Statistics of the Manufacturing Industries of Canada and Each Province, Classified According to Gross Value of Production per Establishment, 1951 — Concluded

	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Alberta:						
Under $25,000	1,238	2,522	2,793,262	272,585	3,976,409	9,082,466
$ 25,000 to $ 49,999	238	1,455	2,638,292	188,049	4,078,445	8,667,296
50,000 " 99,999	190	1,914	3,648,519	296,779	6,836,963	13,191,959
100,000 " 199,999	192	2,824	6,099,680	476,529	15,043,849	26,737,068
200,000 " 499,999	128	3,628	8,361,854	520,532	22,707,022	39,066,710
500,000 " 999,999	62	3,263	8,069,772	568,607	24,819,869	42,082,389
1,000,000 " 4,999,999	52	7,586	19,376,705	2,105,103	66,338,802	112,606,454
5,000,000 and over	18	5,813	17,719,014	2,773,008	165,629,259	206,847,042
Head Offices[1]	—	100	428,489	—	—	—
Totals	**2,118**	**29,105**	**69,135,587**	**7,201,192**	**309,430,618**	**458,281,384**
British Columbia:						
Under $25,000	1,763	4,480	5,735,888	492,160	7,598,645	17,487,688
$ 25,000 to $ 49,999	543	3,373	6,370,100	443,605	8,592,036	19,407,721
50,000 " 99,999	459	4,883	11,021,992	717,623	14,458,048	33,029,254
100,000 " 199,999	425	7,467	18,382,894	1,190,007	27,269,425	60,079,376
200,000 " 499,999	321	9,955	26,190,293	1,848,250	50,455,172	101,132,728
500,000 " 999,999	161	9,732	26,652,634	1,705,639	62,782,620	116,662,049
1,000,000 " 4,999,999	175	23,993	69,392,508	5,130,309	193,314,999	353,373,513
5,000,000 and over	50	28,984	95,415,223	11,053,765	425,369,472	703,708,012
Head Offices[1]	—	780	3,464,751	10,001	—	—
Totals	**3,897**	**93,647**	**262,626,283**	**22,591,359**	**789,840,417**	**1,404,880,341**
Yukon and Northwest Territories:						
Under $25,000	8	17	24,934	5,361	28,092	79,861
$ 25,000 to $49,999	4	20	45,132	6,964	50,227	140,030
50,000 " 99,999	3	23	60,279	6,909	112,924	238,487
100,000 and over	3	92	275,345	142,698	906,748	1,560,531
Totals	**18**	**152**	**405,690**	**161,932**	**1,097,991**	**2,018,909**

1. Under this heading are included only those head iffices that are not located at the plant.

Section 2. The Manufactures of the Atlantic Provinces, 1951

The economic development of the Atlantic Provinces may be suggested in the fact that manufacturing production has more than tripled since 1939. Recently the fisheries industry has been completely revamped, forest products operations have been expanded and the steel and coal industry has been improved and enlarged. At the same time many new manufacturing projects have been successfully organized. In Newfoundland new economic development is influencing fishing, pulp and paper, mining and agriculture. Since 1949 new projects include a cement plant, gypsum plant, birch plant, heavy machinery plant, tannery, marine oil hardening plant, cotton textile mill, fur dyeing and processing plant, leather goods plant, chipped board plant and an optical plant. In Prince Edward Island there has been a broad advance on all economic fronts. In 1951 records were made in some branches of agriculture, particularly in creamery butter output, and there was steady progress in the fishing and lumbering industries. In Nova Scotia in 1951 primary industries were solving difficult problems and the expanded national defence program was influencing manufacturing industries. Orders for naval rotor forgings, shells and railroad cars were running into several million dollars and there was modernization in the basic coal, steel and fish-processing industries. In 1951 New Brunswick's three basic industries — agriculture, forest industries and commercial fisheries — moved forward and there was new exploitation of mineral and power resources, the latter having an important bearing on cement production levels. There were also major extensions to many pulp and paper mills. The manufacturing industries based on wood, including sash and door factories, a veneer plant and a plywood plant, maintained a strong position.

TABLE 5. Statistics of the Leading Industries of the Province of Newfoundland, 1951

No.	Industry	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
		No.	No.	$	$	$	$
1	Pulp and paper	3	3,279	13,392,916	23,133,696	34,174,834	59,958,553
2	Fishing processing	38	2,289	2,963,153	6,721,353	7,031,299	14,377,533
3	Sawmills	557	949	581,691	1,308,366	1,354,163	2,727,335
4	Sash, door and planing mills	25	270	501,156	1,442,764	1,030,362	2,510,685
5	Bread and other bakery products	11	248	413,777	1,517,684	650,639	2,231,470
6	Breweries	3	126	308,581	502,514	1,447,323	2,016,821
7	Carbonated beverages	10	125	229,716	585,609	882,424	1,500,947
8	Printing and publishing	8	195	601,278	215,186	904,851	1,145,120
9	All other leading industries[1]	10	775	1,500,758	4,427,349	3,066,881	7,610,266
	Total, leading industries	**665**	**8,256**	**20,493,026**	**39,854,521**	**50,542,776**	**94,078,730**
	Total, all industries	**822**	**9,622**	**22,681,246**	**43,117,299**	**53,690,187**	**100,642,613**
	Percentage of leading industries to all industries	80.9	85.8	90.4	92.4	94.1	93.5

1. Includes: Biscuits, Cordage, rope and twine, Dairy products n.s., Tobacco, cigars and cigarettes, Miscellaneous food preparations n.e.s.

TABLE 6. Statistics of the Leading Industries of the Province of Prince Edward Island, 1951

No.	Industry	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
		No.	No.	$	$	$	$
1	Butter and cheese	23	149	269,070	3,543,433	548,422	4,148,856
2	Fish processing	55	457	399,711	2,102,110	760,749	2,906,915
3	Feeds, stock and poultry, prepared	11	57	96,395	1,251,903	235,650	1,503,892
4	Sawmills	73	160	117,962	311,747	285,926	610,578
5	Printing and publishing	4	138	286,405	139,359	430,451	580,712
6	Fruit and vegetable preparations	8	107	97,066	333,440	122,002	467,737
7	Bread and other bakery products	11	80	103,431	222,526	161,586	402,242
8	Sash, door and planing mills	3	63	84,050	269,060	126,387	401,307
9	Carbonated beverages	6	27	45,266	110,044	188,581	307,639
10	All other leading industries[1]	4	229	559,325	8,348,532	1,612,440	10,035,203
	Total leading industries	**203**	**1,467**	**2,058,681**	**16,632,154**	**4,472,194**	**21,365,081**
	Total, all industries	**237**	**1,735**	**2,459,553**	**17,177,748**	**5,046,797**	**22,523,439**
	Percentage of leading industries to all industries	85.7	84.6	83.7	96.8	88.6	94.9

1. Includes: Bags, cotton and jute, Fertilizers, Slaughtering and meat packing.

TABLE 7. Statistics of the Leading Industries of the Province of Nova Scotia, 1951

No.	Industry	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
		No.	No.	$	$	$	$
1	Primary iron and steel	5	4,837	13,254,893	20,341,735	14,854,317	39,512,061
2	Fish processing	203	4,003	6,043,585	25,650,791	12,576,436	38,818,949
3	Railway rolling stock	3	1,213	3,081,343	15,667,273	7,649,245	23,581,101
4	Sawmills	594	3,312	4,178,684	12,685,703	8,553,417	21,534,108
5	Pulp and paper	4	1,143	3,727,099	6,302,882	10,876,491	18,574,028
6	Shipbuilding	20	2,128	5,514,441	3,714,699	6,905,138	10,866,436
7	Butter and cheese	23	562	1,083,890	6,026,646	2,357,608	8,598,012
8	Miscellaneous iron and steel products	4	905	2,421,394	4,715,292	3,091,745	8,182,758
9	Sash, door and planing mills	68	972	1,701,424	4,340,088	2,566,307	7,020,262
10	Bread and other bakery products	76	763	1,389,108	3,606,879	2,937,266	6,768,456
11	Printing and publishing	29	758	1,751,891	1,123,141	3,550,667	4,741,832
12	Knitted goods, other than hosiery[1]	3	574	1,032,333	3,296,545	1,067,273	4,430,832
13	Confectionery	8	818	1,240,637	2,701,497	1,152,602	3,930,809
14	Carbonated beverages	30	300	522,511	1,212,895	1,958,852	3,272,920
15	Feeds, stocks and poultry, prepared	9	84	135,762	2,653,893	440,063	3,111,596
16	Fruit and vegetable preparations	21	517	683,597	1,624,820	1,066,481	2,784,206
17	Miscellaneous food preparations n.e.s.	10	167	308,219	1,964,877	590,875	2,582,909
18	Fertilizers	3	65	130,554	1,690,708	558,158	2,262,710
19	Clothing, men's, factory	7	380	443,760	1,326,860	803,506	2,144,744
20	All other leading industries[2]	8	2,147	6,048,974	36,069,807	19,659,832	58,061,069
	Total, leading industries	**1,128**	**25,648**	**54,694,099**	**156,717,031**	**103,216,279**	**270,779,798**
	Total, all industries	**1,474**	**30,512**	**63,975,754**	**172,115,336**	**119,486,630**	**303,619,234**
	Percentage of leading industries to all industries	76.8	84.1	85.5	91.1	86.4	89.2

1. Not comparable with years prior to 1949.
2. Includes: Breweries, Cotton yarn and cloth, Machinery, household, office and store, Wire and wire goods, Petroleum products, Coke and gas.

TABLE 8. Statistics of the Leading Industries of the Province of New Brunswick, 1951

No.	Industry	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
		No.	No.	$	$	$	$
1	Pulp and paper	7	3,807	14,243,528	39,349,400	48,420,164	94,066,395
2	Sawmills	418	3,098	4,901,130	12,176,136	9,708,961	22,124,951
3	Fish processing	178	3,004	3,192,251	12,581,951	5,560,682	18,590,358
4	Slaughtering and meat packing	3	379	1,062,352	11,557,186	2,236,649	13,870,432
5	Miscellaneous food preparations n.e.s.	11	322	480,723	8,006,699	2,127,820	10,185,272
6	Butter and cheese	33	429	763,272	6,309,688	2,038,369	8,511,498
7	Sash, door and planing mills	64	1,093	1,994,733	5,485,299	2,754,793	8,342,059
8	Bread and other bakery products	68	774	1,427,808	3,476,798	2,689,289	6,409,317
9	Feeds, stock and poultry, prepared	11	158	333,553	5,306,499	620,528	5,971,900
10	Heating and cooking apparatus	3	690	1,697,709	2,205,485	2,639,293	4,961,813
11	Biscuits	3	378	749,266	2,122,276	1,969,218	4,150,475
12	Fertilizers	3	111	284,550	2,725,288	646,273	3,412,615
13	Printing and publishing	19	611	1,330,932	645,969	2,327,189	3,030,094
14	Miscellaneous wood products, n.e.s.	6	220	396,952	1,755,487	579,828	2,392,400
15	Footwear, leather	4	296	489,140	1,401,705	919,326	2,334,770
16	All other leading industries[1]	12	6,213	14,866,340	50,492,077	24,961,027	76,915,627
	Total, leading industries	**843**	**21,583**	**48,214,239**	**165,597,943**	**110,199,409**	**285,269,976**
	Total, all industries	**1,084**	**24,505**	**53,546,882**	**176,358,864**	**120,594,955**	**307,173,504**
	Percentage of leading industries to all industries	77.8	88.1	90.0	93.9	91.4	92.9

1. Includes: Breweries, Sugar refineries, Cotton yarn and cloth, Synthetic textiles and silk, Railway rolling stock, Shipbuilding, Brooms, brushes and mops, Brass and copper products, Gypsum products.

Section 3. The Manufactures of Quebec, 1951

Quebec, with more than one-half of Canada's developed hydro-electric power, enjoys a wide variety of rich natural resources including most of the world's known reserves of asbestos, vast iron deposits, great reserves of copper, lead and zinc, the largest known supply of titanium, gold in abundance and new finds of oil underlying the rocks of her eastern extremity, the Gaspe Peninsula. The geographic situation of the province is extremely favourable with a harbour 800 miles inland where sea-going vessels of heavy tonnage can dock. There is also an extensive highway system linking the small rural communities to the big cities.

In manufacturing, Quebec leads all the provinces in the production of textiles, chemicals and some heavy industry products. From her mills come one-third of the world's wood-pulp and one-fifth of its newsprint. Since the beginning of World War II, 5,600 new manufacturing establishments have come into the province and, at the same time, agricultural productivity has continued to increase under the impact of modernized farming techniques. It is significant that the recent industrial expansion is not confined to the cities, but has spread through towns and villages all over the accessible areas of the province. For example, since 1945 no less than 44 new industries, widely diversified, have settled in St. Johns, a city of 19,000 population situated about twenty miles from Montreal. Quebec's large industries cover a wide range including pulp and paper, tobacco, cigars and cigarettes, cotton yarn and cloth, leather boots and shoes, clothing, railway rolling-stock, silk and artificial silk, medicinal and pharmaceutical preparations and fur goods.

TABLE 9. Statistics of the Leading Industries of the Province of Quebec, 1951

No.	Industry	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
		No.	No.	$	$	$	$
1	Pulp and paper	55	24,449	89,047,307	213,576,247	272,958,336	524,164,254
2	Non-ferrous metal smelting and refining	8	8,633	28,379,354	195,829,047	85,772,709	307,000,723
3	Petroleum products	7	2,435	8,536,072	181,887,987	55,578,547	247,592,260
4	Slaughtering and meat packing	37	4,017	11,421,690	167,526,238	23,484,242	191,929,652
5	Cotton yarn and cloth	21	18,161	37,396,638	117,210,947	62,258,723	182,144,774
6	Clothing, men's, factory	347	17,838	33,259,007	75,246,359	60,047,109	135,669,021
7	Clothing, women's, factory[1]	554	18,800	35,874,994	69,916,157	64,109,789	134,331,439
8	Railway rolling stock	10	15,572	41,560,420	73,083,300	50,028,360	125,431,372
9	Butter and cheese	750	5,647	11,144,098	90,248,436	19,273,585	111,500,086
10	Tobacco, cigars and cigarettes	33	7,290	19,396,681	59,244,465	48,954,619	108,517,654
11	Miscellaneous electrical apparatus and supplies[1]	32	11,905	34,414,166	44,703,454	62,409,117	107,983,537
12	Synthetic textiles and silk	33	13,016	31,586,865	44,298,993	59,215,888	105,863,786
13	Sawmills	1,931	10,763	16,108,157	54,827,917	33,687,599	89,401,801
14	Miscellaneous food preparations n.e.s.[2]	84	2,463	5,527,463	54,810,623	20,267,534	75,621,182
15	Bread and other bakery products	962	9,425	18,119,326	35,772,063	32,480,901	70,423,821
16	Footwear, leather	182	12,188	20,775,935	39,440,836	30,163,477	69,911,651
17	Brass and copper products	37	3,101	8,735,203	50,540,312	17,647,896	68,991,364
18	Machinery, industrial[1]	57	7,452	22,388,109	30,828,502	34,861,851	66,548,899
19	Furniture	436	9,047	18,721,869	29,134,816	31,148,508	60,953,877
20	Feeds, stock and poultry, prepared	200	1,375	2,849,426	47,203,218	7,267,679	54,910,661
21	Rubber goods	24	7,184	17,423,541	24,938,363	28,790,508	54,504,987
22	Aircraft and parts	9	8,950	27,124,974	23,464,403	29,391,201	53,427,598
23	Boxes and bags, paper	53	4,383	9,060,798	30,625,772	20,629,091	51,529,616
24	Sheet metal products	66	4,896	13,435,954	26,568,427	22,762,247	49,847,845
25	Acids, alkalies and salts	10	3,258	11,095,188	17,893,342	26,930,869	49,062,246
26	Primary iron and steel	13	4,199	12,823,031	17,811,850	27,761,050	48,758,840
27	Printing and publishing	83	6,483	18,063,225	14,654,366	32,054,671	47,064,750
28	Breweries	8	2,831	9,407,754	15,466,908	30,683,063	46,919,240
29	Distilled liquors	8	2,033	5,932,718	17,677,705	26,454,874	45,241,268
30	Sash, door and planing mills	763	5,733	10,372,192	26,849,768	17,141,643	44,666,659
31	Miscellaneous chemical products n.e.s.	66	5,065	12,754,856	19,376,107	21,352,941	41,874,011
32	Woollen cloth	35	3,248	7,405,374	28,614,881	12,263,560	41,405,301
33	Medicinal and pharmaceutical preparations	91	3,678	9,588,414	12,739,120	28,185,281	41,374,453
34	Knitted goods, other than hosiery[1]	69	5,113	9,034,876	22,773,682	17,213,466	40,348,049
35	Castings, iron	59	4,506	12,444,040	19,528,629	19,503,309	39,838,027
36	Aluminum products	22	2,172	6,467,974	24,209,124	14,019,739	38,503,122
37	Printing and bookbinding	531	6,591	15,870,537	12,843,850	24,547,793	37,773,640
38	Miscellaneous paper goods	67	2,627	5,798,779	21,362,145	15,545,779	37,151,153
39	Bridge building and structural steel	10	2,843	9,340,705	17,094,617	18,595,065	36,048,319
40	Shipbuilding	10	5,131	13,266,056	12,803,604	20,641,132	33,918,030
	Total, leading industries[3]	**7,773**	**294,501**	**731,953,766**	**2,082,626,580**	**1,526,083,751**	**3,718,148,968**
	Total, all industries	**11,861**	**417,182**	**1,005,601,680**	**2,696,638,646**	**2,083,933,751**	**4,916,157,419**
	Percentage of leading industries to all industries	65.5	70.6	72.8	77.2	73.2	75.6

1. Not comparable with years prior to 1949.
2. Not comparable with previous years.
3. Sugar refining is also a leading industry. Statistics, however, are confidential.

Section 4. The Manufactures of Ontario, 1951

Ontario, which produces approximately half of the nation's manufactured goods, is recognized as one of the world's major industrial areas. Its industrial production in the past ten years has more than doubled and has advanced in diversity as well as in volume. Between 1946 and 1951, 504 new companies began operations in Ontario, giving employment at the end of 1951 to 32,953 people. Most of the new companies were Canadian in origin. In 1951, of 92 new undertakings, 46 were Canadian, 32 American, 9 British and 5 other European. Three factors have been decisive in the development of Ontario to its present industrial position: the proximity of raw materials, cheap hydro-electric power and a strategic location in relation to export markets not only on the North American Continent but overseas.

Ontario's industrial importance may be suggested in the fact that practically all of Canada's output of motor-vehicles, agricultural implements and starch products comes from Ontario, as well as more than 50 per cent of the iron and steel products, rubber goods, electrical apparatus and supplies, flour and feed mill products, hosiery and knitted goods, furniture, fruit and vegetable preparations and tannery products. Ontario is the only Canadian province to produce steam and gas turbines, spark plugs, stainless steel rolling-mill products, and radium products for commercial and medical use. Ontario's pulp and paper industry supplies about 13 per cent of the world's total of newsprint and paper products. Ontario's domination of a number of Canada's forty leading industries in percentage of total output may be illustrated as follows for 1951: motor vehicles 98, motor vehicle parts 97, heavy electrical machinery 96, agricultural implements 94, rubber goods 82, primary iron and steel 77, iron castings 69, fruit and vegetable preparations 68, sheet metal products 60, miscellaneous electrical apparatus and supplies n.e.s. 50, flour mills 47, non-ferrous metal smelting and refining 41, slaughtering and meat packing 40, butter and cheese 36, pulp and paper 34 and petroleum products 26.

In addition Ontario dominated many of the smaller industries in 1951 as follows: machine tools 100, tobacco processing and packing 93.9 per cent, soaps, washing compounds and cleaning preparations 89.5, hardware, tools and cutlery 72.2, household, office and store machinery 72.1, refrigerators, vacuum cleaners and appliances 71.6, wire and wire goods 62.1, miscellaneous chemical products n.e.s. 61.4, coke and gas products 60.9, miscellaneous paper goods 59.8, printing and bookbinding 59.4, acids, alkalies and salts 56.7, brass and copper products 56.5, boxes and bags, paper 54.8, industrial machinery 53.6, furniture 51.5, printing and publishing 48.7, feeds, stock and poultry, prepared 44.1, bread and other bakery products 42.2, breweries 39.9, miscellaneous food preparations n.e.s. 38.8, clothing, men's factory 30.2, railway rolling stock 30.2, cotton yarn and cloth 28.0 etc.

TABLE 10. Statistics of the Leading Industries of the Province of Ontario, 1951

No.	Industry	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
		No.	No.	$	$	$	$
1	Motor vehicles	12	29,413	98,585,038	459,738,923	266,350,895	728,613,205
2	Pulp and paper	44	18,348	69,105,025	152,196,242	213,865,701	387,041,628
3	Primary iron and steel	24	22,670	77,427,879	178,221,367	157,409,525	359,409,798
4	Slaughtering and meat packing	61	8,073	24,185,518	304,088,225	49,834,086	355,623,746
5	Non-ferrous metal smelting and refining	7	9,539	31,492,681	176,377,172	161,481,600	353,410,730
6	Rubber goods, including footwear	37	15,825	46,832,708	121,981,566	132,244,763	256,983,995
7	Motor vehicle parts	94	20,205	62,843,598	139,051,729	112,999,468	255,216,657
8	Machinery, heavy, electrical[1]	34	23,956	71,997,614	92,011,401	117,976,614	211,736,424
9	Agricultural implements	35	16,022	49,236,463	91,687,665	67,311,193	160,823,631
10	Petroleum products	14	4,907	17,458,996	104,000,618	41,344,080	153,525,619
11	Fruit and vegetable preparations	214	10,269	20,083,968	75,844,483	58,898,828	136,547,271
12	Butter and cheese	594	7,831	18,685,229	98,878,612	31,446,115	132,907,333
13	Flour mills[1]	61	2,196	6,411,121	114,093,464	15,822,050	130,611,044
14	Sheet metal products	145	10,258	29,654,673	64,832,990	51,724,192	117,957,515
15	Castings, iron	95	11,124	34,860,924	51,607,751	60,404,546	114,424,622
16	Miscellaneous electrical apparatus and supplies n.e.s.[1]	91	9,023	25,499,009	53,369,737	55,218,032	109,620,569
17	Machinery, industrial[1]	171	11,438	35,073,653	38,413,386	68,771,058	108,256,267
18	Bread and other bakery products	878	14,379	30,872,621	49,277,835	50,730,274	103,398,406
19	Brass and copper products	87	6,033	18,115,792	66,849,915	33,715,132	101,713,204
20	Miscellaneous food preparations n.e.s.[2]	127	4,373	10,422,904	70,987,940	28,487,454	101,126,022
21	Furniture	581	13,953	33,066,289	45,335,834	51,894,560	98,316,401
22	Printing and publishing	302	12,496	37,256,286	28,478,443	66,466,366	95,863,645
23	Boxes and bags, paper	103	7,280	18,974,291	55,638,989	38,098,548	94,380,486
24	Railway rolling stock	15	6,510	21,478,522	55,376,534	34,308,967	90,795,956
25	Printing and bookbinding	701	12,288	31,260,451	34,719,167	53,704,255	89,098,975
26	Hardware, tools and cutlery	209	10,325	29,217,684	29,017,915	53,772,632	84,082,896
27	Miscellaneous paper goods	111	5,757	15,501,821	46,551,708	35,162,708	82,384,333
28	Miscellaneous chemical products n.e.s.	113	4,183	12,930,316	37,170,007	37,926,718	80,812,426
29	Refrigerators, vacuum cleaners and appliances[1]	63	6,307	18,064,454	38,239,251	39,859,939	78,796,036
30	Feeds, stock and poultry, prepared	276	2,546	5,844,168	62,425,435	13,607,217	77,021,112
31	Cotton yarn and cloth	29	8,060	18,254,309	46,918,075	28,627,189	76,643,198
32	Sawmills	1,340	9,265	17,192,740	40,014,300	35,156,523	76,072,011
33	Clothing, men's, factory	150	10,443	21,635,597	38,440,030	33,340,850	72,026,902
34	Coke and gas products	16	2,975	8,916,748	38,542,416	25,186,511	67,358,509
35	Acids, alkalies and salts	16	3,981	13,071,859	21,199,043	38,738,224	66,819,780
36	Machinery, household, office and store	40	5,579	16,293,794	29,261,650	36,508,091	66,188,509
37	Wire and wire goods	66	5,721	17,838,053	24,801,984	40,371,841	66,056,768
38	Soaps, washing compounds and cleaning preparations	60	3,092	9,984,733	38,516,046	26,561,843	65,981,955
39	Breweries	21	2,970	10,474,955	18,224,270	45,134,007	64,262,387
40	Tobacco processing and packing	9	1,335	2,593,208	54,147,773	4,585,731	58,898,194
	Total, leading industries	**7,046**	**390,948**	**1,138,695,692**	**3,286,529,891**	**2,515,048,306**	**5,930,808,165**
	Total, all industries	**13,025**	**599,433**	**1,669,386,982**	**4,334,394,367**	**3,569,400,065**	**8,074,731,217**
	Percentage of leading industries to all industries	54.1	65.2	68.2	75.8	70.5	73.4

1. Not comparable with years prior to 1949.
2. Not comparable with previous years.

Section 5. The Manufactures of the Prairie Provinces, 1951

The Prairie Provinces are endowed with great natural resources above and below the ground—rich promises of oil, natural gas, uranium and base metals—flooding capital investment, new industry and a firm market outlook for peak agricultural production. During 1951, oil and gas discoveries came at the rate of better than one a week and estimated oil reserves soared to 1,700,000,000 bbl.; from Manitoba to the Rockies, natural gas and oil are helping to create a new industrial empire to rival the agricultural mainstays. In Manitoba the value of manufacturing production established a new record in 1951, amounting to more than $70,000,000 above 1950. From 1948 to 1951 new investment totalled $58,600,000 and, during 1951, 25 new industries started operations in the province, bringing the total since 1946 to 245. Secondary industry plays an important role in Saskatchewan's current activity with manufacturing production in the vicinity of $250,000,000. Flour-milling, meat-packing, creameries and petroleum-refining make up the four well-developed secondary industries in the province. Alberta, however, is the outstanding achievement of Prairie industrial expansion. In 1951, new construction starts on industrial development amounted to just under $100,000,000 and in the foreseeable future to $800,000,000 more.

Concerning the Prairie Provinces as an economic unit, slaughtering and meat packing had the largest gross value of production in 1951, amounting to $262,199,618, followed by petroleum products with $130,686,339, flour mills $113,713,859, butter and cheese $86,513,943 and railway rolling-stock $48,745,106. These five industries accounted for 51 per cent of the total production of the Prairie Provinces. Other leading industries, in order of gross value of production, were: bread and other bakery products, miscellaneous foods, sawmills, breweries, planing mills, printing and publishing, men's factory clothing, prepared stock and poultry feeds, furniture, printing and book binding, pulp and paper, sheet metal products, women's factory clothing, carbonated beverages, etc.

TABLE 11. Statistics of the Leading Industries of the Province of Manitoba, 1951

No.	Industry	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
		No.	No.	$	$	$	$
1	Slaughtering and meat packing	14	2,758	8,488,894	100,744,384	17,304,984	118,518,654
2	Railway rolling stock	4	6,065	16,696,467	18,188,726	17,187,504	35,949,321
3	Flour mills[1]	9	523	1,161,150	24,354,337	3,192,480	27,702,651
4	Butter and cheese	74	1,535	3,578,273	19,688,664	7,033,429	27,106,232
5	Petroleum products	4	358	1,113,217	17,192,300	3,088,003	21,061,570
6	Miscellaneous food preparations[2]	24	633	1,584,153	16,078,473	4,559,134	21,000,336
7	Clothing, men's, factory	39	2,438	4,361,183	10,205,831	7,808,886	18,077,230
8	Bread and other bakery products	122	1,530	3,481,894	6,456,125	6,131,562	12,999,173
9	Pulp and paper[3]	2	487	1,754,303	3,522,079	8,137,890	12,589,185
10	Clothing, women's, factory[1]	32	1,764	3,359,108	6,444,104	4,931,332	11,414,005
11	Furniture	95	1,383	3,180,840	6,299,701	4,990,036	11,394,575
12	Printing and publishing	78	1,626	3,923,332	3,308,422	7,662,733	11,091,840
13	Breweries	6	566	1,778,879	1,996,514	7,092,776	9,243,149
14	Printing and bookbinding	76	1,478	3,466,793	2,969,974	5,911,541	8,955,065
15	Primary iron and steel	4	1,000	2,792,450	2,672,887	5,563,398	8,732,057
16	Boxes and bags, paper	8	579	1,522,357	5,096,229	3,475,734	8,618,299
17	Bags, cotton and jute	4	206	444,065	7,467,042	694,305	8,180,784
18	Sheet metal products	18	875	2,151,161	3,722,243	3,984,656	7,786,847
19	Feeds, stock and poultry, prepared	37	251	533,108	5,820,961	1,207,545	7,107,015
20	Fur goods	60	727	1,650,117	3,955,205	2,255,280	6,235,843
21	Carbonated beverages	21	382	827,273	2,015,492	3,389,817	5,532,415
22	All other leading industries[4]	6	1,119	3,392,036	24,898,981	9,180,837	34,843,284
	Total, leading industries	**737**	**28,283**	**71,241,053**	**293,098,674**	**134,783,862**	**434,139,530**
	Total, all industries	**1,512**	**41,459**	**100,170,966**	**349,203,612**	**192,848,667**	**551,346,046**
	Percentage of leading industries to all industries	48.7	68.2	71.1	83.9	69.9	78.7

1. Not comparable with years prior to 1949.
2. Not comparable with previous years.
3. Publication of these figures was authorized by the two firms reporting.
4. Includes: Biscuits, Bridge building and structural steel, Non-ferrous smelting and refining, and Sugar.

TABLE 12. Statistics of the Leading Industries of the Province of Saskatchewan, 1951

No.	Industry	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
		No.	No.	$	$	$	$
1	Petroleum products	8	764	2,470,190	36,189,669	9,317,334	46,902,653
2	Flour mills[1]	14	710	2,026,035	37,125,606	6,894,920	44,395,914
3	Slaughtering and meat packing	9	1,212	3,575,079	32,442,862	6,330,443	39,049,912
4	Butter and cheese	62	1,218	2,855,077	21,130,440	5,825,341	27,327,603
5	Breweries	5	365	1,012,640	1,965,193	5,999,664	8,093,341
6	Bread and other bakery products	83	956	1,876,101	4,105,260	3,679,806	7,992,470
7	Printing and publishing	107	1,127	2,646,042	1,505,733	4,311,805	5,910,472
8	Sawmills	372	866	992,285	1,648,591	2,760,032	4,497,183
9	Sash, door and planing mills	25	451	821,464	1,606,040	1,255,242	2,909,336
10	Feeds, stock and poultry, prepared	12	82	196,459	2,109,032	505,178	2,640,754
11	Carbonated beverages	22	275	581,401	1,083,122	1,419,278	2,635,374
12	Sheet metal products	5	153	363,047	1,217,904	849,094	2,079,634
	Total, leading industries listed above[2]	**724**	**8,179**	**19,415,820**	**142,129,452**	**49,148,137**	**194,434,646**
	Total, all industries	**973**	**11,023**	**26,290,294**	**185,151,455**	**61,088,606**	**250,813,026**

1. Not comparable with years prior to 1949.
2. Non-ferrous metal smelting and refining is also a leading industry. Statistics, however, are confidential since there are less than three firms reporting.

TABLE 13. Statistics of the Leading Industries of the Province of Alberta, 1951

No.	Industry	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
		No.	No.	$	$	$	$
1	Slaughtering and meat packing	12	2,860	8,532,987	90,266,175	13,940,411	104,631,052
2	Petroleum products	10	1,028	3,513,101	48,887,865	12,086,452	62,722,116
3	Flour mills [1]	17	799	1,964,848	36,179,633	5,197,944	41,615,294
4	Butter and cheese	102	1,656	3,766,022	24,816,273	6,881,455	32,080,108
5	Sawmills	912	3,872	5,191,056	11,731,946	10,450,358	22,667,881
6	Sash, door and planing mills	108	1,700	3,773,496	11,940,279	6,270,662	18,406,297
7	Bread and other bakery products	131	1,466	3,262,696	6,548,818	6,658,573	13,425,925
8	Railway rolling stock	3	2,130	5,915,225	6,650,681	5,916,225	12,795,785
9	Breweries	5	556	1,590,370	3,241,530	8,124,826	11,484,631
10	Miscellaneous food preparations n.e.s. [2]	13	286	650,252	7,843,739	1,976,050	9,945,310
11	Printing and publishing	83	1,103	2,694,763	2,233,731	6,034,006	8,330,542
12	Feeds, stock and poultry, prepared	50	300	669,415	6,196,461	1,243,791	7,539,657
13	Clothing, men's, factory	9	751	1,353,407	3,852,519	2,106,365	5,972,637
14	Miscellaneous wood products n.e.s. [1]	13	277	702,845	3,333,141	1,158,941	4,542,659
15	Machine shops	55	617	1,821,388	1,261,675	2,991,414	4,334,417
16	Furniture	66	531	1,197,767	2,041,091	2,065,168	4,143,340
17	Glass and glass products	3	396	1,070,131	1,727,864	2,360,687	4,124,349
18	Printing and bookbinding	72	731	1,829,717	1,246,828	2,728,629	4,007,694
19	Bridge building and structural steel	3	480	1,310,710	1,718,409	2,166,541	3,916,096
20	Cement products	27	335	978,629	1,969,845	1,836,708	3,885,065
21	Carbonated beverages	20	302	609,344	1,542,196	2,046,276	3,685,211
22	Machinery, industrial [1]	9	576	1,407,684	1,303,255	2,227,952	3,566,450
23	Fruit and vegetable preparations	9	248	440,309	1,477,062	1,596,164	3,134,821
24	Bags, cotton and jute	3	61	113,341	2,326,369	350,076	2,680,731
25	Sheet metal products	7	231	492,701	1,368,657	1,274,099	2,650,582
26	Biscuits	4	219	394,272	1,212,996	1,229,904	2,452,531
27	Agricultural implements	11	263	733,137	872,835	1,101,732	2,008,205
28	Motor vehicle parts	15	208	550,094	1,201,218	741,995	1,957,076
29	Gases, compressed	6	156	501,724	379,152	1,441,307	1,886,529
30	Clay products from domestic clay	11	406	924,373	19,814	1,706,567	1,787,731
31	Signs, electric, neon and other	12	159	484,055	546,295	1,069,314	1,644,006
32	Miscellaneous iron and steel products n.e.s.	9	114	320,995	893,558	658,594	1,560,486
33	Boxes and baskets, wood	7	215	444,040	717,891	587,707	1,323,848
34	Brass and copper products	3	48	135,139	923,941	368,039	1,299,554
35	Castings, iron	6	207	517,790	537,962	732,336	1,290,785
36	All other leading industries [3]	12	1,801	4,927,639	13,331,200	14,051,612	29,092,059
	Total, leading industries	**1,838**	**27,088**	**64,785,462**	**302,342,904**	**133,378,880**	**442,591,460**
	Total, all industries	**2,118**	**29,105**	**69,135,587**	**309,430,618**	**141,649,574**	**458,281,384**
	Percentage of leading industries to all industries	86.8	93.1	93.7	97.7	94.2	96.6

1. Not comparable with years prior to 1949.
2. Not comparable with previous years.
3. Includes: Aircraft and parts, Boxes and bags, paper, Concentrated milk, Cement, Distilled liquors, Fertilizers, Sugar and Vegetable oils.

Section 6. The Manufactures of British Columbia, 1951

British Columbia's vast forest resources were responsible for the advance of that province to third position in manufacturing but the industrial base is being constantly widened. In central British Columbia a large aluminum project is being carried out, a $30,000,000 cellulose plant has been put into operation, and a new highway to the north is under construction. All over the province, in the little towns, in the unorganized territories and in the major cities, the natural resources of the forest, mine and field are being fashioned by new and modern processes into goods and materials finding acceptance in domestic and foreign markets. In the past ten years the value of manufacturing production has more than trebled, rising from $412,957,807 in 1941 to $1,404,880,341 in 1951.

One of the most impressive fields of expansion is to be found in the pulp and paper industry. British Columbia accounts for approximately half of the total fisheries production of Canada and plays a large part in making Canada the largest fish-exporting nation in the world. This province has been significantly influenced also by recent developments in the petroleum products and meat packing industries.

Emphasizing the importance of the forests in the industrial life of the province, the sawmilling industry ranked first with a gross value of production of $347,147,390 in 1951, and the pulp and paper industry second with $141,503,427. Third in importance was fish processing, based principally on the estuarial salmon fisheries. Other important industries include slaughtering and meat packing, veneers and plywoods, petroleum products, sash, door and planing mills, miscellaneous food preparations n.e.s., fertilizers, fruit and vegetable preparations, butter and cheese, etc. The varied resources of the Pacific Coast have resulted in a wide diversification of its manufactures.

TABLE 14. Statistics of the Leading Industries of the Province of British Columbia, 1951

No.	Industry	Establishments	Employees	Salaries and wages	Cost of materials	Net value of products	Gross value of products
		No.	No.	$	$	$	$
1	Sawmills	1,564	29,462	81,751,249	176,682,690	167,001,838	347,147,390
2	Pulp and paper	11	5,778	21,899,728	44,933,463	90,824,327	141,503,427
3	Fish processing	63	4,168	11,348,419	51,646,344	31,543,333	84,121,542
4	Slaughtering and meat packing	11	1,370	4,263,002	52,814,828	5,982,251	59,081,092
5	Veneers and plywoods	12	3,416	9,832,376	18,130,385	24,806,298	43,202,315
6	Petroleum products	6	579	2,100,645	28,503,586	12,321,512	41,903,272
7	Sash, door and planing mills	166	2,770	7,217,625	27,136,332	13,811,839	41,331,453
8	Miscellaneous food preparations n.e.s.	47	782	1,584,218	30,168,144	6,323,452	36,613,721
9	Fertilizers	6	1,280	4,583,245	9,850,262	20,832,682	30,809,678
10	Fruit and vegetable preparations	71	2,355	4,146,456	15,975,947	8,659,717	24,897,710
11	Butter and cheese	29	1,773	4,636,619	13,960,783	7,011,938	21,566,132
12	Bread and other bakery products	262	2,621	6,154,025	10,360,405	10,201,433	21,168,241
13	Shipbuilding	27	3,484	11,127,087	5,952,140	14,793,689	21,042,863
14	Printing and publishing	86	2,752	7,658,511	4,665,053	14,076,956	18,906,674
15	Machinery, industrial [1]	40	2,138	6,569,451	6,419,233	11,471,074	18,110,416
16	Sheet metal products	28	890	2,672,665	9,426,314	5,247,076	14,800,217
17	Feeds, stock and poultry, prepared	42	652	1,521,571	11,649,778	2,825,752	14,703,208
18	Furniture	189	1,953	4,625,016	6,723,015	7,415,149	14,310,215
19	Breweries	11	688	1,997,318	2,901,872	9,590,778	12,727,902
20	Miscellaneous wood products n.e.s.	43	645	1,848,950	7,253,483	4,523,713	11,938,080
21	Boxes and bags, paper	12	691	1,772,933	7,245,735	4,343,437	11,653,032
22	Miscellaneous paper goods	13	608	1,518,491	7,100,585	3,465,150	10,608,685
	Total, leading industries listed above [2]	**2,739**	**70,855**	**200,829,600**	**549,500,377**	**477,073,394**	**1,042,147,265**
	Total, all industries	**3,897**	**93,647**	**262,626,283**	**789,840,417**	**592,448,565**	**1,404,880,341**

1. Not comparable with years prior to 1949.
2. Other leading industries statistics for which cannot be given because there are fewer than three establishments in each industry are: Non-ferrous metal smelting and refining, Sugar refining, Bridge building and structural steel, and Distilled liquors.

Section 7. Manufacturing Industries in Urban Centres

The prosperity of most of the cities and towns of Canada, especially in the east, is intimately connected with their manufacturing industries, which provide employment for a large proportion of their gainfully occupied population. In the west the cities are more largely distributing centres, though manufactures are rapidly increasing there also.

Table 15, indicating the extent to which the manufacturing industries of Canada are concentrated in urban centres, shows by provinces the proportion of the gross manufacturing production contributed by cities and towns having a gross production of over $1,000,000 each. In the more highly industrialized provinces of Ontario and Quebec such cities and towns in 1951 accounted for 91 p.c. and 94 p.c. respectively of the totals for those provinces, while for the Atlantic Provinces and British Columbia, where sawmilling, fish-packing, and dairying are leading industries, the proportions are 72 p.c. and 57 p.c. respectively. In the Prairie Provinces manufacturing is confined largely to a few urban centres.

TABLE 15. Cities and Towns Each with a Gross Manufacturing Production of Over $1,000,000, Number of Establishments and Total Production in such Urban Centres as a Percentage of the Grand Total, by Provinces, 1951

Note. Statistics published in this table are in some cases higher than the figures published in Table 18, since, in the table below are included statistics of towns with less than three establishments and production of over $1,000,000. It was not possible to publish this information in Table 18 without disclosing the operations of individual establishments.

Province	Urban centres with a gross production of over $1,000,000 each	Establishments reporting in urban centres producing over $1,000,000 each	Total production in urban centres producing over $1,000,000	Total production in each province	Production in urban centres as a percentage of total production in each province
Newfoundland	4	120	63,276,836	100,642,613	62.9
Prince Edward Island	2	54	14,418,757	22,523,439	64.0
Nova Scotia	24	489	211,909,596	303,619,234	69.8
New Brunswick	19	355	239,869,058	307,173,504	78.1
Quebec	155	7,589	4,619,215,022	4,916,157,419	94.0
Ontario	175	9,382	7,325,522,565	8,074,731,217	90.7
Manitoba	11	1,056	498,825,915	551,346,046	90.5
Saskatchewan	9	432	194,606,750	250,813,026	77.6
Alberta	19	926	367,060,099	458,281,384	80.1
British Columbia	31	2,387	798,495,498	1,404,880,341	56.8
Yukon and Northwest Territories	—	—	—	2,018,909	—
Canada	**449**	**22,790**	**14,333,200,096**	**16,392,187,132**	**87.4**

TABLE 16. Principal Statistics of the Manufacturing Industries of the Six Leading Manufacturing Cities of Canada, 1939-51

City and Year	Establishments	Capital	Employees	Salaries and wages	Cost of materials	Gross value of products[1]
	No.	$	No.	$	$	$
Montreal:						
1939	2,501	423,234,648	105,315	114,602,118	254,188,246	483,246,583
1942	3,007	629,809,985	169,987	240,888,491	541,625,660	976,767,738
1943	2,992	721,223,427	194,643	307,922,631	665,209,935	1,184,114,458
1944	3,109	[2]	185,708	308,396,358	650,618,563	1,215,988,014
1945	3,404	[2]	181,679	304,247,761	600,919,272	1,144,175,108
1946	3,785	[2]	173,507	291,381,617	602,667,823	1,147,945,303
1947	3,950	[2]	177,744	325,114,158	682,056,090	1,298,019,266
1948	3,887	[2]	180,098	368,191,470	841,048,938	1,550,246,090
1949	4,136	[2]	184,779	399,943,526	847,444,669	1,596,713,694
1950	4,127	[2]	184,982	419,217,987	914,907,200	1,696,677,033
1951	4,137	[2]	183,436	449,279,943	1,026,220,450	1,849,153,995
Toronto:						
1939	2,885	447,009,768	98,702	122,553,435	240,532,281	482,532,331
1942	3,211	635,981,329	151,639	228,875,152	451,198,158	886,256,494
1943	3,238	647,907,281	156,459	259,307,913	481,504,056	961,923,997
1944	3,344	[2]	154,538	260,776,613	513,429,109	1,020,345,353
1945	3,482	[2]	146,335	244,055,112	496,204,721	961,736,716
1946	3,632	[2]	145,556	247,298,288	549,256,912	1,036,939,790
1947	3,705	[2]	151,137	289,363,797	648,648,084	1,231,936,820
1948	3,683	[2]	154,197	335,142,822	804,970,396	1,475,761,819
1949	4,005	[2]	158,562	368,510,524	837,148,440	1,579,186,450
1950	4,011	[2]	160,063	392,754,292	918,699,592	1,686,922,991
1951	3,796	[2]	151,333	415,206,705	991,268,163	1,763,192,114
Hamilton:						
1939	461	206,584,330	31,512	39,563,423	70,829,034	152,746,340
1942	482	273,212,977	50,744	85,111,817	166,078,144	347,752,196
1943	485	315,896,136	54,671	95,576,332	164,271,139	362,743,019
1944	480	[2]	53,500	94,982,915	171,117,467	363,033,672
1945	482	[2]	50,520	89,639,262	166,349,884	351,676,308
1946	501	[2]	45,951	80,959,432	150,977,835	308,033,098
1947	512	[2]	50,567	101,424,109	205,430,175	411,817,530
1948	526	[2]	53,370	124,016,143	259,800,537	519,132,345
1949	546	[2]	54,665	137,641,333	285,180,403	563,982,920
1950	549	[2]	54,823	145,093,180	310,380,224	625,480,893
1951	560	[2]	58,841	174,296,725	391,412,980	755,546,928
Windsor:						
1939	222	80,436,233	17,729	25,938,890	63,907,106	122,474,320
1942	233	206,556,146	37,057	76,276,589	240,384,518	383,323,348
1943	229	206,850,571	38,516	85,965,874	247,504,385	417,745,229
1944	231	[2]	35,912	80,667,573	232,102,240	387,603,874
1945	241	[2]	28,826	63,515,050	167,675,110	280,743,622
1946	256	[2]	30,889	60,315,436	138,788,813	244,925,148
1947	273	[2]	32,154	74,748,834	204,383,024	367,122,739
1948	271	[2]	32,729	85,354,165	231,706,777	413,749,890
1949	283	[2]	34,591	94,304,627	271,392,923	494,162,203
1950	280	[2]	34,901	105,778,494	311,563,422	564,870,512
1951	297	[2]	34,865	112,076,215	351,697,300	626,292,546
Winnipeg:						
1939	648	73,255,368	17,571	20,717,273	44,873,043	81,024,272
1942	692	113,297,399	27,768	38,191,886	88,897,218	156,332,353
1943	688	100,511,565	24,898	35,807,283	106,485,838	174,523,234
1944	686	[2]	25,870	38,824,299	119,917,745	198,169,626
1945	716	[2]	26,206	40,115,513	117,453,819	197,523,922
1946	756	[2]	26,730	42,354,650	121,531,306	206,381,007
1947	779	[2]	27,651	47,728,392	130,721,062	228,028,346
1948	765	[2]	27,906	54,379,965	157,379,778	264,022,796
1949	860	[2]	28,687	58,604,162	143,827,270	255,006,806
1950	855	[2]	27,804	58,991,267	142,486,939	261,781,262
1951	849	[2]	27,704	65,741,785	167,583,852	292,496,767
Vancouver:						
1939	829	92,797,032	17,957	22,382,192	56,565,511	101,267,243
1942	897	136,336,017	37,858	60,779,827	116,153,100	223,295,187
1943	898	193,795,910	45,971	81,059,815	130,442,455	288,196,900
1944	933	[2]	43,473	79,141,407	142,416,371	289,390,718
1945	992	[2]	37,599	66,144,015	137,118,244	265,034,773
1946	1,071	[2]	31,408	55,960,984	138,045,068	270,165,166
1947	1,127	[2]	33,119	65,363,332	174,822,180	313,964,785
1948	1,136	[2]	33,815	75,300,519	211,726,521	360,749,092
1949	1,225	[2]	33,536	78,793,345	204,642,985	358,620,526
1950	1,219	[2]	34,411	85,542,771	234,053,078	409,347,342
1951	1,255	[2]	34,376	96,222,111	270,748,863	461,594,390

1. Net value is derived from gross value by deducting cost of materials, fuel, and electricity. For cost of fuel and electricity in 1951 see Table 18.
2. Information not collected.

TABLE 17. Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, Grouped According to the Number of Employees per Establishment, 1951

	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Montreal Metropolitan Area[1]						
Under 5 employees	1,103	2,652	4,754,486	229,137	13,867,766	25,253,489
5 to 14 employees	1,396	11,950	24,610,262	898,721	55,915,456	106,484,529
15 " 49 "	1,282	34,664	72,383,101	2,636,865	177,567,708	320,849,103
50 " 99 "	406	27,620	59,702,438	2,491,470	146,969,897	266,773,299
100 " 199 "	199	27,650	63,051,482	2,438,286	189,609,760	324,090,977
200 " 499 "	112	35,185	90,781,440	14,404,869	290,322,312	541,290,289
500 and over	67	84,612	241,259,255	17,901,959	593,535,814	1,030,076,854
Not classifiable	121	—	—	—	1,269,882	1,595,618
Head Offices[2]	—	6,270	25,893,582	—	—	—
Totals	**4,686**	**230,603**	**582,436,046**	**41,001,307**	**1,469,058,595**	**2,616,414,158**
Toronto Metropolitan Area						
Under 5 employees	1,123	2,676	4,847,677	297,866	9,392,309	18,912,476
5 to 14 employees	1,386	12,016	26,912,189	1,131,465	61,830,039	110,935,422
15 " 49 "	1,137	30,302	73,645,897	2,775,833	161,282,343	306,361,718
50 " 99 "	333	23,145	59,536,586	2,896,535	170,348,882	292,154,128
100 " 199 "	185	25,668	67,640,212	3,437,207	151,618,764	293,177,984
200 " 499 "	118	35,338	99,708,809	5,151,232	247,879,710	461,584,166
500 and over	57	61,569	192,039,452	8,649,069	472,065,183	845,787,183
Not classifiable	127	—	—	—	1,147,679	1,442,640
Head Offices[2]	—	4,429	19,266,288	—	—	—
Totals	**4,466**	**195,143**	**543,597,110**	**24,339,207**	**1,275,564,909**	**2,330,355,717**
Hamilton Metropolitan Area						
Under 5 employees	184	426	759,075	80,283	1,667,981	3,066,413
5 to 14 employees	177	1,431	3,155,339	312,886	5,941,524	12,148,622
15 " 49 "	132	3,762	9,430,005	629,533	21,954,543	42,124,305
50 " 99 "	45	3,156	8,253,765	602,721	20,387,174	39,086,821
100 " 199 "	37	4,920	12,619,496	786,683	44,611,333	77,134,882
200 " 499 "	42	13,008	34,876,331	3,305,497	88,175,136	159,652,545
500 and over	23	35,128	111,881,063	15,205,027	222,406,132	448,724,884
Not classifiable	10	—	—	—	54,717	83,160
Head Offices[2]	—	253	785,542	—	—	—
Totals	**650**	**62,084**	**181,760,616**	**20,922,630**	**405,198,540**	**782,021,632**
Windsor Metropolitan Area						
Under 5 employees	85	175	275,000	20,557	468,018	1,293,032
5 to 14 employees	91	793	1,771,321	130,639	3,523,033	7,275,140
15 " 49 "	68	1,781	4,737,588	320,061	8,443,883	18,384,327
50 " 99 "	28	2,003	5,631,671	325,202	13,357,631	24,633,552
100 " 199 "	18	2,492	7,626,273	660,574	14,017,255	33,970,835
200 " 499 "	21	6,230	19,869,340	1,834,955	37,452,991	86,367,461
500 and over	9	22,137	73,906,042	2,309,295	279,655,615	463,701,607
Not classifiable	4	—	—	—	13,629	13,710
Totals	**324**	**35,611**	**113,817,235**	**5,601,283**	**356,932,055**	**635,639,664**
Winnipeg Metropolitan Area						
Under 5 employees	280	679	1,108,551	85,311	2,340,995	4,298,077
5 to 14 employees	262	2,265	4,522,669	297,791	16,698,363	25,544,416
15 " 49 "	223	6,057	13,145,754	678,275	38,669,931	64,710,389
50 " 99 "	88	6,231	14,331,998	1,084,398	47,380,171	78,330,626
100 " 199 "	49	6,767	16,456,571	2,749,562	67,548,547	107,927,772
200 " 499 "	19	5,527	14,030,772	693,170	28,374,401	59,408,657
500 and over	7	8,872	24,952,893	1,015,674	96,435,294	131,224,083
Not classifiable	64	—	—	—	270,970	384,695
Head Offices[2]	—	180	688,390	—	—	—
Totals	**992**	**36,578**	**89,237,598**	**6,604,181**	**297,718,672**	**471,828,715**
Vancouver Metropolitan Area						
Under 5 employees	486	1,200	2,074,353	147,880	3,724,183	7,603,959
5 to 14 employees	464	3,876	8,845,614	449,159	17,249,143	32,974,663
15 " 49 "	351	9,174	24,623,736	1,363,790	67,586,405	115,013,159
50 " 99 "	104	7,138	20,766,406	1,397,739	65,215,735	108,714,123
100 " 199 "	69	9,736	26,743,611	1,497,557	83,146,044	140,828,624
200 " 499 "	35	10,348	31,690,546	2,611,256	129,237,545	203,532,319
500 and over	11	8,758	26,489,262	983,089	55,940,818	118,499,655
Not classifiable	65	—	—	—	213,680	326,744
Head Offices[2]	—	579	2,473,334	—	—	—
Totals	**1,585**	**50,809**	**143,706,862**	**8,450,470**	**422,313,553**	**727,493,246**

1. Totals for Greater Montreal do not include the non-ferrous smelting and refining industry.
2. Under this heading are included only those head offices which are not located at the plant.

TABLE 18. Statistics of Manufactures of Municipality, each with a Gross Production of $1,000,000 or Over, and with Three or More Establishments, 1951

Note. Statistics for cities and towns with three or more establishments cannot be published when one establishment has 75 p.c. or two establishments 90 p.c. of the total production.

Municipality	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Newfoundland:						
Corner Brook (East & West)	11	2,107	8,074,803	1,470,793	14,324,729	36,861,897
Harbour Grace	7	277	431,274	26,046	927,928	1,829,925
St. John's	104	2,898	5,161,692	424,076	10,970,470	23,075,039
Prince Edward Island:						
Charlottetown	36	604	1,211,433	135,272	7,945,178	10,621,343
Summerside	18	292	412,730	44,656	3,024,011	3,797,414
Nova Scotia:						
Amherst	26	1,051	1,984,216	240,549	6,032,981	10,682,984
Berwick	9	97	176,573	24,808	994,336	1,401,004
Bridgetown	6	182	330,375	27,769	888,045	1,811,368
Bridgewater	17	184	341,730	36,833	642,210	1,346,920
Clark's Harbour	14	97	115,079	9,752	1,232,305	1,647,904
Dartmouth	16	253	511,560	72,166	1,139,469	2,436,595
Digby	11	219	337,336	24,567	1,121,281	1,969,111
Glace Bay	15	269	357,537	43,312	1,438,993	2,122,689
Halifax	146	5,589	12,515,605	835,576	23,174,054	47,050,752
Hantsport	5	344	697,443	60,133	1,647,320	4,319,517
Lockeport	4	264	384,428	37,752	1,180,848	1,875,752
Lunenburg	15	642	1,303,245	83,493	3,195,537	5,269,539
Middleton	10	183	253,872	29,583	968,982	1,536,683
New Glasgow	30	1,060	2,477,001	337,865	3,548,474	7,654,749
North Sydney	14	312	602,034	47,750	1,368,608	2,602,139
Pictou	9	313	585,565	33,485	1,192,181	2,126,950
Shelburne	16	212	358,966	21,512	795,828	1,552,527
Sydney	39	6,090	16,606,996	5,385,358	30,688,363	63,683,126
Truro	37	1,154	1,918,982	192,667	5,639,276	8,645,353
Windsor	13	274	476,749	51,258	1,901,023	2,562,189
Yarmouth	26	967	1,841,087	182,353	6,412,506	10,573,982
New Brunswick:						
Campbellton	15	302	557,679	58,546	1,075,381	2,138,823
Fredericton	47	847	1,585,432	128,442	4,009,013	6,748,631
Grand Falls	14	142	238,580	28,179	505,651	1,005,933
Lancaster	6	696	2,083,179	689,294	5,623,862	14,221,502
Moncton	48	3,427	8,462,730	561,748	24,895,476	37,595,067
Newcastle	11	490	1,350,849	304,132	4,384,185	9,657,497
St. Andrews	8	114	179,615	20,834	1,805,084	2,379,297
Saint John	113	3,534	7,763,990	1,121,035	51,395,536	69,207,700
St. Stephen	14	478	816,642	56,283	1,816,078	2,972,945
Shippegan	5	220	211,608	12,892	720,268	1,006,700
Sussex	13	223	388,182	49,562	1,803,169	2,857,539
Woodstock	15	135	225,901	32,483	877,130	1,368,616
Quebec:						
Asbestos	16	510	1,495,271	196,517	3,474,012	5,579,577
Aston Junction	3	30	57,481	6,467	1,157,587	1,249,031
Beauharnois	15	2,108	6,453,518	3,253,514	13,509,991	29,042,436
Beauport	13	171	311,023	20,124	571,034	1,131,590
Bedford	13	918	1,834,379	48,354	785,170	4,438,714
Beebe Plain	9	247	373,775	10,134	1,149,530	1,813,674
Berthierville	17	695	1,265,410	160,762	3,073,610	6,099,431
Cabano	9	222	497,813	4,674	906,186	1,795,602
Cap-de-la-Madeleine	34	2,443	5,638,114	1,270,091	20,922,314	40,005,116
Chambly-Bassin	9	135	205,166	9,028	661,987	1,134,040
Chambly-Canton	6	351	764,137	16,424	1,256,173	2,409,587
Chicoutimi	35	517	947,898	79,286	2,490,160	4,156,201
Coaticook	21	1,115	2,061,612	104,832	5,166,221	8,529,248
Contrecoeur	10	299	408,325	10,504	809,327	1,439,901
Crabtree	4	243	761,805	188,571	3,184,280	5,197,129
Danville	11	170	330,422	82,930	972,285	1,406,229
Delson	5	505	1,429,697	667,057	1,956,700	5,493,981
Drummondville	50	8,586	20,366,163	1,708,397	30,822,367	74,931,271
Farnham	23	1,136	2,312,010	175,324	6,496,983	11,609,791
Giffard	13	181	293,303	23,109	991,478	1,552,246
Granby	76	5,236	11,349,114	653,340	28,393,393	51,725,279
Grand'mère	24	2,362	5,814,799	1,487,431	13,137,872	29,661,355
Grenville	4	122	247,654	25,537	970,444	1,399,115
Hull	62	3,983	9,978,019	1,951,139	31,436,649	53,055,315
Huntingdon	15	689	1,937,328	134,731	10,881,834	14,351,851
Iberville	25	394	758,269	40,367	1,276,515	2,948,349
Joliette	58	2,128	4,431,163	522,361	9,072,074	19,245,480
Lachine	61	7,987	24,684,397	1,145,333	35,982,904	84,498,209
Lachute	14	274	660,741	149,054	2,115,331	3,241,235
La Pérade (Ste. Ann de)	14	294	465,422	93,405	2,061,418	2,996,750
Laprairie	18	399	826,836	199,014	803,849	2,453,009
Lasalle	40	4,250	11,213,440	3,036,469	49,126,053	93,028,413
La Sarre	14	153	256,517	18,247	558,500	1,058,057
L'Assomption	15	476	960,699	77,593	3,595,164	5,115,857

TABLE 18. Statistics of Manufactures of Municipality, each with a Gross Production of $1,000,000 or Over, and with Three or More Establishments, 1951 — Continued

Municipality	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Quebec — Concluded:						
Lennoxville	13	390	1,015,516	167,754	2,101,920	4,202,988
L'Épiphanie	17	278	526,369	28,687	935,401	1,884,455
Lévis	40	648	1,033,272	80,362	2,885,610	5,041,994
Longueuil	35	2,326	5,340,328	301,792	11,067,904	23,160,077
Loretteville	27	572	703,278	22,487	1,609,820	2,802,426
Maniwaki	12	120	239,056	23,310	694,346	1,211,257
Marieville	21	549	918,965	51,955	3,111,265	5,122,939
Maskinongé	8	84	109,861	10,449	833,832	1,064,965
Matane	21	313	676,058	28,310	1,205,844	2,597,817
Mégantic	20	553	976,268	95,527	2,029,150	4,134,234
Mont Joli	18	109	196,174	39,656	462,893	1,003,767
Mont Laurier	17	302	545,351	35,332	1,375,458	2,438,097
Montmagny	44	1,507	2,807,830	174,249	6,255,563	11,009,096
Montreal	4,137	183,436	449,279,943	17,840,862	1,026,220,450	1,849,153,995
Montreal East	31	5,410	17,041,529	14,754,164	315,319,678	414,261,809
Mont Royal	20	2,204	6,621,387	219,636	14,459,423	26,938,732
Napierville	14	216	316,476	21,584	1,136,203	1,761,930
Nicolet	16	344	593,655	64,332	2,069,051	3,268,971
Notre Dame de Portneuf	12	443	959,331	307,688	3,740,020	6,006,127
Outremont	48	2,135	5,019,855	127,877	9,309,399	19,053,867
Plessisville	19	1,002	2,131,721	83,745	3,277,823	6,387,857
Pointe-aux-Trembles	11	404	980,503	62,796	1,390,553	3,087,425
Princeville	15	439	799,934	78,845	3,113,577	6,022,394
Quebec	428	15,535	32,530,866	4,296,864	82,334,229	153,311,944
Richelieu	6	122	237,113	8,185	566,192	1,094,704
Richmond	14	469	1,001,368	34,232	1,434,950	3,933,849
Rimouski	31	337	762,989	40,425	1,189,698	2,846,282
Rivière du Loup	26	482	1,001,989	86,107	1,325,015	2,773,184
Roberval	9	223	406,778	36,624	1,485,162	2,241,089
Rock Island	15	670	1,628,885	64,652	1,479,520	5,454,607
Rouyn	20	211	411,745	54,212	909,431	1,658,006
Ste. Agathe-des-Monts	18	127	238,200	19,675	627,152	1,009,946
St. Casimer	16	122	166,683	16,559	756,590	1,090,999
St. Césaire	25	308	493,811	32,201	1,495,415	2,327,404
St. Eustache	12	104	161,057	17,586	726,257	1,088,269
St. Félicien	18	291	590,264	50,465	3,125,823	4,856,870
St. Félix-de-Valois	16	68	79,649	10,960	890,741	1,170,503
St. Gabriel-de-Brandon	23	431	521,707	18,748	810,841	1,581,397
St. Georges-de-Beauce	13	366	721,833	60,620	1,067,489	2,248,177
St. Georges W.	9	352	508,316	38,669	1,137,622	2,130,806
St. Hyacinthe	80	5,096	10,248,437	582,023	28,880,750	47,223,035
St. Jacques	10	154	219,642	11,662	1,211,616	1,535,315
St. Jean (St. John's)	67	5,680	13,015,537	1,037,583	19,884,088	43,688,478
St. Jérome (Terrebonne)	58	3,755	7,923,106	548,939	16,319,517	30,334,694
St. Joseph (Beauce)	11	223	328,422	18,133	520,958	1,155,154
St. Lambert	20	808	1,734,140	107,193	4,216,547	7,724,355
St. Laurent	48	11,315	33,547,522	1,243,383	37,951,440	85,530,142
St. Leonard-d'Aston	10	173	210,593	25,376	970,697	1,213,581
Ste. Marie	20	738	1,244,994	103,619	3,185,104	6,106,190
St. Michel (de Laval)	39	508	1,067,200	62,163	1,559,976	3,438,306
St. Pie	15	196	297,368	29,438	1,707,887	2,304,220
St. Raymond	17	148	221,621	12,404	644,528	1,191,567
St. Rémi	14	304	502,389	45,159	3,241,386	4,861,349
Ste. Rose	10	230	399,910	20,267	703,029	1,386,873
Ste. Thérèse de Blainville	32	759	1,388,675	64,900	2,119,267	4,419,346
St. Tite	26	384	649,387	22,087	1,878,974	2,928,966
Shawinigan Falls	47	5,712	17,338,314	9,115,659	47,009,334	110,246,673
Shawville	10	95	154,641	23,989	1,040,011	1,361,341
Sherbrooke	102	8,813	19,552,824	1,312,678	48,419,154	86,594,071
Sorel	35	1,970	4,473,185	696,187	2,813,206	7,896,000
Sutton	12	240	347,840	22,300	865,153	1,452,054
Terrebonne	19	635	1,360,348	57,516	2,259,108	4,653,090
Thetford Mines	33	482	884,665	85,245	977,580	2,541,841
Thurso	10	451	745,452	22,496	2,004,646	3,321,338
Trois-Pistoles	17	233	434,189	16,840	2,837,533	4,001,573
Three Rivers	90	7,705	21,697,369	6,719,564	50,030,400	106,059,161
Val d'Or	23	220	407,217	35,220	735,280	1,482,041
Valleyfield	39	4,656	9,714,919	779,524	20,392,032	43,653,626
Verdun	68	1,398	2,803,125	83,599	6,282,562	11,527,395
Victoriaville	54	2,582	4,953,989	176,601	9,639,566	18,383,113
Warwick	15	410	741,867	69,007	3,141,267	4,620,570
Waterloo	18	825	1,772,801	85,394	2,478,337	5,375,753
Westmount	27	2,044	5,572,374	287,605	6,535,471	16,720,644
Ontario:						
Acton	21	1,012	2,269,003	233,815	6,531,703	9,422,669
Alexandria	15	225	340,773	23,450	878,966	1,454,843
Almonte	13	307	682,589	115,104	3,731,838	5,124,962
Amherstburg	13	1,026	2,930,221	1,807,006	4,716,056	16,787,162
Arnprior	21	709	1,682,908	112,769	3,742,620	7,348,349
Aurora	15	617	1,354,095	76,321	4,792,208	7,139,153
Ayr	8	108	183,004	22,166	1,543,514	2,118,993
Barrie	26	894	2,027,374	173,139	9,533,849	14,958,826
Beamsville	12	146	243,548	13,610	653,324	1,118,863
Belleville	63	3,104	8,263,479	1,599,386	13,523,032	34,375,056
Bloomfield	9	136	221,480	22,510	1,047,853	1,800,696
Blyth	5	37	71,283	17,131	1,307,778	1,428,574

TABLE 18. Statistics of Manufactures of Municipality, each with a Gross Production of $1,000,000 or Over, and with Three or More Establishments, 1951 — Continued

Municipality	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Ontario — Continued:						
Brampton	31	1,114	2,625,832	161,950	5,276,267	10,660,999
Brantford	157	13,629	37,794,382	1,816,485	71,064,370	141,506,003
Brockville	42	1,922	4,658,331	329,333	11,687,974	20,179,491
Burlington	16	754	1,907,098	116,094	6,034,631	9,831,786
Caledonia	11	314	836,111	293,034	2,679,035	5,152,571
Campbellford	21	350	804,643	65,711	2,400,433	4,283,671
Carleton Place	11	723	1,557,994	107,035	2,594,401	4,942,369
Chatham	76	4,215	11,800,759	1,134,461	68,329,308	94,167,137
Chesley	14	395	762,760	34,573	1,305,722	2,296,081
Clinton	10	155	289,305	26,512	523,618	1,008,722
Cobourg	29	1,042	2,425,757	218,302	4,718,256	10,042,731
Collingwood	20	1,138	2,814,897	120,060	5,164,508	9,051,206
Cornwall	50	6,961	18,698,577	3,519,064	31,807,861	78,072,116
Desoronto	5	287	466,636	31,056	920,506	1,754,961
Dresden	12	173	311,641	58,492	1,438,062	2,723,500
Dundas	34	1,762	4,142,191	243,066	4,002,164	10,011,583
Dunnville	20	1,089	2,173,163	106,007	6,023,009	8,846,634
Durham	13	222	496,210	34,401	647,719	1,433,709
Eastview	22	458	1,086,431	93,379	7,017,753	9,385,048
Eganville	13	101	205,009	36,694	770,048	1,193,115
Elmira	21	794	2,076,344	185,386	4,759,350	9,145,547
Elora	7	339	723,452	35,706	827,358	1,989,620
Essex	15	283	639,885	74,638	1,656,828	3,300,902
Exeter	8	123	235,073	33,551	922,016	1,598,842
Forest	12	221	383,065	48,104	1,072,304	1,848,791
Fort Erie	28	952	2,486,928	66,710	4,794,808	11,217,558
Fort William	71	3,486	10,738,162	2,409,247	24,319,679	57,158,259
Galt	92	6,467	16,531,157	777,798	27,369,130	55,671,274
Gananoque	20	889	2,181,894	186,252	4,275,931	8,316,993
Georgetown	18	1,128	3,376,602	195,805	6,923,388	12,004,148
Goderich	16	419	917,129	215,486	3,357,229	5,710,183
Gravenhurst	9	275	614,923	25,100	1,023,742	2,309,973
Grimsby	14	471	961,276	63,736	1,753,828	4,211,562
Guelph	110	6,160	15,709,981	966,520	31,224,403	59,815,567
Hamilton	560	58,841	174,296,725	20,370,777	391,412,980	755,546,928
Hanover	24	1,047	2,226,276	101,154	3,746,040	6,989,235
Harriston	15	195	334,702	48,585	1,497,676	2,107,864
Harrow	10	131	267,337	38,873	1,252,340	2,054,264
Hespeler	19	1,965	4,422,703	425,604	6,279,044	12,471,761
Huntsville	16	443	948,826	69,330	4,365,929	6,245,820
Ingersoll	27	1,342	3,425,098	241,735	12,376,258	19,993,156
Kemptville	10	83	155,329	47,776	1,240,370	1,761,557
Kincardine	14	447	824,653	53,011	1,469,061	2,658,890
Kingston	70	3,515	8,358,549	669,582	20,052,949	41,350,932
Kitchener	199	15,299	38,815,715	1,855,670	106,882,409	192,548,102
Leamington	16	1,151	2,953,713	319,702	12,648,612	26,635,680
Leaside	62	10,711	32,424,568	1,321,810	66,080,619	132,147,814
Lindsay	38	1,497	3,201,129	286,836	5,259,501	11,222,564
Listowel	12	411	801,985	70,897	2,587,467	3,845,079
London	273	15,417	40,515,061	2,193,653	79,059,030	167,350,784
Long Branch	34	1,655	4,721,256	191,547	7,639,173	18,089,442
Lucknow	9	56	111,236	14,781	1,056,306	1,407,139
Meaford	18	388	743,818	55,208	1,430,838	2,753,199
Merritton	17	2,058	7,074,806	1,011,264	15,378,199	29,552,654
Midland	21	1,140	2,437,997	98,284	9,588,281	13,759,448
Milton	14	654	1,793,207	363,725	2,851,453	6,927,799
Milverton	11	269	538,283	27,202	800,204	1,710,660
Mimico	34	728	1,880,639	139,128	2,432,248	6,164,642
Mitchell	11	148	251,995	50,228	1,192,763	1,841,031
Morrisburg	8	210	309,932	11,314	687,816	1,317,462
Mount Forest	14	269	393,150	37,974	954,675	1,705,265
Napanee	14	410	908,442	101,900	2,405,238	4,131,508
New Hamburg	12	335	652,135	36,462	1,045,818	2,351,393
New Liskeard	15	619	1,193,667	48,402	2,530,479	4,862,933
Newmarket	18	958	2,448,439	133,771	5,416,327	9,571,176
New Toronto	46	7,214	23,122,818	1,857,295	91,080,195	158,329,039
Niagara Falls	78	6,830	20,616,294	5,836,398	39,714,585	93,698,367
North Bay	33	671	1,611,680	129,095	2,449,728	5,320,001
Norwich	8	104	184,154	34,807	928,558	1,423,047
Oakville	48	1,455	3,751,301	260,050	6,668,853	14,747,707
Orangeville	15	192	331,406	31,361	1,111,189	1,574,904
Orillia	51	2,200	5,088,750	331,667	7,390,790	15,035,614
Ottawa	292	10,342	25,581,886	1,954,726	42,787,066	95,358,914
Owen Sound	52	2,737	6,437,240	309,993	8,010,216	18,405,577
Palmerston	10	59	101,965	15,453	856,042	1,052,299
Paris	26	1,506	3,505,063	137,553	6,862,153	13,339,812
Pembroke	35	1,256	2,640,670	134,595	4,346,820	9,729,314
Penetanguishene	11	452	921,310	49,373	1,481,453	2,935,274
Perth	27	922	1,732,153	98,041	4,445,751	8,528,770
Peterborough	103	10,010	28,853,445	1,252,959	77,955,438	124,655,905
Petrolia	13	411	1,045,365	510,423	7,151,067	9,045,890
Picton	15	218	313,073	24,814	771,814	1,396,402
Port Arthur	55	2,559	7,965,591	1,697,581	16,970,186	39,305,452
Port Dover	8	116	183,597	19,097	783,481	1,416,158
Port Elgin	9	237	395,171	20,441	626,490	1,185,358
Port Hope	27	1,094	3,293,166	338,143	4,705,614	10,658,514
Prescott	18	711	1,237,802	47,328	2,030,944	4,105,477
Preston	37	2,855	6,877,853	268,353	10,566,246	21,710,851
Renfrew	28	887	1,795,893	154,714	4,196,647	7,324,359

TABLE 18. Statistics of Manufactures of Municipality, each with a Gross Production of $1,000,000 or Over, and with Three or More Establishments, 1951 — Continued

Municipality	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Ontario — Concluded:						
Ritigetown	13	270	626,067	28,440	834,374	2,066,466
Riverside	4	71	187,242	11,484	622,168	1,002,750
St. Catharines	110	11,697	35,717,017	1,679,247	64,119,327	131,178,237
St. Mary's	12	558	1,501,755	1,020,733	5,001,499	10,137,497
St. Thomas	45	2,494	5,803,065	314,299	10,870,798	22,121,001
Sarnia	52	8,001	25,981,735	12,381,523	107,491,357	194,290,568
Sault Ste. Marie	53	8,088	25,545,411	10,136,230	68,484,406	133,911,798
Seaforth	13	261	456,258	29,343	1,544,224	2,309,572
Simcoe	31	1,402	3,340,583	224,101	20,209,000	28,873,235
Smith's Falls	22	829	2,020,911	140,326	3,491,079	6,883,992
Southampton	9	323	729,308	24,533	1,213,925	2,217,819
Stratford	66	3,690	8,868,857	435,277	15,423,515	29,382,849
Strathroy	19	485	969,325	57,281	2,595,764	4,253,933
Streetsville	14	348	823,535	146,725	3,934,256	5,739,710
Sudbury	52	1,064	2,559,768	233,816	6,280,757	11,684,423
Swansea	13	827	2,486,430	257,652	5,264,770	11,462,908
Tavistock	9	176	321,471	26,077	2,435,306	3,018,875
Tecumseh	6	279	471,381	42,497	1,033,371	2,389,336
Thorold	24	2,330	9,042,620	3,132,261	20,419,354	43,212,078
Tillsonburg	27	890	1,903,427	221,817	8,789,487	11,964,719
Timmins	23	510	1,135,197	71,731	2,234,247	4,250,412
Toronto	3,796	151,333	415,206,705	17,599,992	991,268,163	1,763,192,114
Trenton	30	1,432	3,292,884	433,159	8,125,088	15,067,513
Tweed	10	185	333,988	23,529	1,032,621	1,699,663
Uxbridge	12	71	143,105	21,804	1,095,707	1,400,784
Walkerton	16	493	1,031,076	43,435	1,375,708	2,995,565
Wallaceburg	25	2,770	7,636,578	1,209,292	13,874,789	30,221,046
Waterloo	55	2,702	6,853,941	394,832	12,736,181	34,368,408
Watford	8	130	269,083	26,155	638,346	1,063,989
Welland	57	8,878	29,600,073	5,708,473	66,963,015	142,357,821
Wellington	6	154	280,597	67,857	1,304,777	2,007,227
West Lorne	8	237	477,071	29,675	1,259,843	2,355,694
Weston	51	2,789	7,454,493	486,450	15,353,247	29,129,119
Whitby	13	389	771,812	51,258	1,422,473	2,937,973
Winchester	7	66	123,063	40,493	1,323,078	1,690,743
Windsor	297	34,865	112,076,215	5,436,889	351,697,300	626,292,546
Wingham	16	386	763,425	55,959	1,694,886	2,830,002
Woodstock	64	3,842	9,381,940	468,744	27,936,571	48,347,755
Manitoba:						
Brandon	38	746	1,757,112	192,372	10,275,712	15,463,055
Dauphin	14	108	182,170	22,446	824,497	1,206,151
Neepawa	8	125	247,896	71,781	683,263	1,211,126
Portage la Prairie	18	249	392,354	35,765	1,071,934	1,857,478
St. Boniface	90	4,168	11,555,289	1,010,336	108,630,649	135,391,546
Selkirk	10	985	2,625,168	463,242	3,016,278	8,901,414
The Pas	9	158	377,353	10,320	361,495	1,815,087
Transcona	5	2,539	6,988,652	365,388	13,018,994	22,363,958
Winnipeg	849	27,704	65,741,785	3,759,880	167,583,852	292,496,767
Saskatchewan:						
Kamsack	11	64	110,014	8,828	704,605	1,058,842
Melville	8	60	116,751	23,811	1,182,929	1,411,733
Moose Jaw	45	1,312	3,510,432	675,784	32,959,182	41,737,517
North Battleford	13	213	335,293	39,297	1,237,801	1,939,611
Prince Albert	29	980	2,366,049	184,670	12,459,220	17,950,088
Regina	137	2,968	7,878,630	1,332,864	42,105,739	61,895,799
Saskatoon	112	2,710	6,626,626	763,370	46,224,336	63,296,870
Swift Current	11	119	514,041	82,321	1,891,786	2,982,132
Yorkton	16	159	333,324	63,449	1,525,893	2,334,158
Alberta:						
Athabasca	28	149	200,484	22,067	799,658	1,189,271
Barrhead	13	97	161,825	17,622	1,085,997	1,336,118
Calgary	309	8,658	22,905,049	1,929,664	108,014,389	152,276,862
Camrose	11	64	129,570	10,956	790,750	1,065,382
Edmonton	319	9,422	24,252,814	1,256,372	98,578,420	142,609,969
Edson	38	264	381,187	30,711	758,604	1,416,591
Grande Prairie	23	279	556,910	64,017	1,990,927	3,377,595
Lethbridge	46	969	2,239,796	161,897	6,474,143	12,567,187
Medicine Hat	36	1,066	2,320,993	142,840	16,801,931	21,689,296
Picture Butte	3	139	317,477	50,793	1,985,907	2,960,689
Red Deer	18	141	305,448	38,391	1,995,010	3,160,194
Rocky Mountain House	41	176	265,789	27,831	1,371,627	2,005,768
Wetaskiwin	11	73	150,105	13,353	965,292	1,216,379
British Columbia:						
Abbotsford	14	189	448,935	177,451	4,978,037	6,346,772
Burns Lake	21	289	689,121	47,913	2,224,555	3,756,764
Chilliwack	27	233	431,874	59,306	1,176,751	2,053,180
Cranbrook	26	400	1,036,097	97,684	2,105,952	4,155,277
Dawson Creek	19	172	330,532	32,368	1,448,843	2,125,216

TABLE 18. Statistics of Manufactures of Municipality, each with a Gross Production of $1,000,000 or Over, and with Three or More Establishments, 1951 — Concluded

Municipality	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
British Columbia — Concluded:						
Duncan	24	214	412,814	32,586	810,086	1,700,286
Fernie	11	137	299,423	30,104	719,403	1,606,914
Kamloops	34	532	1,218,773	93,570	1,829,497	4,070,243
Kelowna	35	803	1,763,721	88,908	3,154,611	6,804,221
Merritt	8	169	454,262	19,363	805,625	1,632,009
Mission City	22	432	903,961	73,720	2,778,599	4,313,114
Nanaimo	31	567	1,523,558	105,534	3,347,376	6,018,399
Nelson	36	546	1,220,927	95,155	2,525,961	5,239,596
New Westminster	112	6,893	19,342,236	1,099,430	62,834,204	111,953,965
North Vancouver	55	2,326	7,350,810	322,627	11,371,750	22,907,846
Oliver	8	164	381,690	23,907	655,441	1,512,571
Penticton	28	348	676,321	37,471	1,308,265	2,717,228
Port Alberni	24	1,992	6,551,550	272,467	16,393,831	39,388,649
Port Moody	7	662	1,891,245	14,526	5,435,638	9,048,183
Prince George	150	1,746	4,057,829	357,241	11,484,528	20,411,592
Prince Rupert	25	630	1,850,690	109,814	4,760,547	8,104,135
Quesnel	68	685	1,504,263	126,068	2,596,925	5,660,301
Revelstoke	19	158	297,853	37,349	748,292	1,478,916
Smithers	16	101	204,618	16,491	1,037,831	1,429,339
Vancouver	1,255	34,376	96,222,111	5,180,626	270,748,863	461,594,390
Vanderhoof	22	108	213,835	24,527	734,274	1,181,042
Vernon	44	419	890,918	81,748	1,947,997	3,872,766
Victoria	216	4,555	12,179,944	755,082	22,956,939	46,438,513
Williams Lake	15	102	203,796	16,082	761,417	1,412,767

TABLE 19. Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1951

County and Census Division	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Newfoundland:						
Division no. 1	201	3,502	5,980,796	495,429	12,900,118	26,778,695
Division no. 2	27	552	729,908	85,848	1,466,118	2,740,860
Division no. 3	31	531	624,057	61,238	1,119,548	2,314,615
Division no. 4	40	60	40,212	5,480	293,953	384,864
Division no. 5	51	2,362	8,283,755	1,493,805	14,809,166	37,751,598
Division no. 6	59	1,502	5,860,456	1,234,671	9,788,307	25,328,634
Division no. 7	179	518	575,225	65,630	993,819	2,130,539
Division no. 8	133	251	154,992	16,036	314,104	631,325
Division no. 9	94	279	308,111	48,965	797,854	1,577,469
Division no. 10	7	65	123,734	328,025	634,312	1,004,014
Totals	**822**	**9,622**	**22,681,246**	**3,835,127**	**43,117,299**	**100,642,613**
Prince Edward Island:						
King's County	68	389	387,822	52,120	1,777,518	2,498,426
Prince County	83	577	684,766	79,752	5,713,238	7,145,094
Queen's County	86	769	1,386,965	167,022	9,686,992	12,879,919
Totals	**237**	**1,735**	**2,459,553**	**298,894**	**17,177,748**	**22,523,439**
Nova Scotia:						
Annapolis	46	491	733,098	67,584	2,465,412	4,238,270
Antigonish	20	194	250,819	30,460	766,353	1,305,901
Cape Breton	114	6,869	17,764,799	5,498,768	34,242,728	69,578,878
Colchester	105	1,777	2,821,315	282,862	8,654,627	13,425,323
Cumberland	93	1,859	3,282,913	461,308	10,106,852	18,196,054
Digby	96	819	975,438	98,906	3,123,715	5,171,463
Guysboro	49	502	616,160	56,539	2,020,630	3,311,536
Halifax	258	7,397	16,841,106	2,306,307	48,076,508	79,703,948
Hants	64	999	1,735,162	289,188	4,971,934	9,523,225
Inverness	63	276	263,213	23,725	999,223	1,479,659
Kings	84	730	1,062,803	174,438	4,631,761	6,688,236
Lunenburg	141	1,604	2,726,877	187,302	6,618,595	11,478,774
Pictou	114	3,512	7,932,176	1,000,554	25,393,981	41,365,261
Queens	30	1,207	3,476,153	1,209,047	5,794,420	16,171,460
Richmond	20	79	69,711	2,896	253,148	362,812
Shelburne	75	794	1,096,976	101,199	4,933,084	7,419,059
Victoria	25	82	86,809	5,990	336,584	477,891
Yarmouth	77	1,321	2,240,226	220,195	8,725,781	13,721,484
Totals	**1,474**	**30,512**	**63,975,754**	**12,017,268**	**172,115,336**	**303,619,234**

TABLE 19. Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1951—Continued

County	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
New Brunswick:						
Albert	24	235	482,453	129,850	1,600,281	3,372,258
Carleton	52	635	919,149	108,669	3,060,633	4,887,522
Charlotte	72	3,159	5,409,348	426,074	13,656,210	23,128,745
Gloucester	103	2,076	4,600,650	1,371,138	11,587,832	26,533,390
Kent	47	342	335,500	53,439	1,958,040	2,617,431
Kings	56	390	616,694	73,559	2,767,530	4,323,308
Madawaska	54	1,087	3,454,647	1,207,159	9,419,172	22,160,025
Northumberland	84	1,342	2,717,719	398,801	7,528,851	15,103,331
Queens	37	305	594,966	162,935	1,188,115	2,440,113
Restigouche	62	2,133	6,807,718	3,173,843	19,991,065	41,848,769
St. John	143	5,384	11,719,608	1,959,685	61,613,448	91,907,990
Sunbury	10	51	64,642	6,110	190,783	318,194
Victoria	42	435	845,855	40,665	1,731,490	3,650,537
Westmorland	191	4,988	11,275,288	795,721	30,961,342	48,683,681
York	107	1,943	3,702,645	312,037	9,104,072	16,198,210
Totals	**1,084**	**24,505**	**53,546,882**	**10,219,685**	**176,358,864**	**307,173,504**
Quebec:						
Abitibi	210	1,616	2,736,506	233,954	8,494,039	13,938,416
Argenteuil	77	3,133	6,956,721	595,985	18,138,852	33,868,033
Arthabaska	142	3,764	6,944,636	361,457	18,172,611	32,014,916
Bagot	79	1,296	2,192,611	136,115	8,498,782	12,433,481
Beauce	182	2,584	4,087,698	314,296	10,668,216	18,714,907
Beauharnois	68	7,206	17,293,783	4,161,274	35,138,488	75,666,657
Bellechasse	80	341	446,456	54,741	2,870,633	3,682,290
Berthier	116	1,533	2,305,823	237,818	6,093,874	11,243,489
Bonaventure	101	427	493,055	48,823	2,136,098	3,035,575
Brome	45	388	543,233	48,552	1,773,507	2,731,390
Chambly	105	4,626	10,516,289	640,542	20,797,618	43,297,581
Champlain	236	7,528	17,252,882	3,773,991	53,501,138	112,263,324
Charlevoix Est	46	592	1,653,152	865,337	3,738,592	8,873,064
Charlevoix Ouest	36	107	129,282	10,672	441,787	652,732
Châteauguay	37	485	985,317	93,869	4,224,006	6,482,697
Chicoutimi	183	9,793	31,923,343	22,375,399	84,736,253	217,547,263
Compton	75	1,399	3,354,965	932,942	9,220,154	17,645,757
Deux Montagnes	50	276	399,409	58,767	1,792,898	2,595,313
Dorchester	108	614	945,111	121,722	4,961,039	6,839,886
Drummond	112	8,919	20,937,989	1,837,904	33,532,888	78,702,837
Frontenac	105	1,033	1,526,350	138,775	4,651,601	7,871,726
Gaspé Est	107	1,047	2,311,186	455,122	7,838,887	15,876,261
Gaspé Ouest	31	332	584,974	30,055	1,845,672	3,048,580
Gatineau	75	333	502,314	56,816	2,134,903	3,510,820
Hull	77	6,585	18,856,585	6,493,032	53,980,564	107,453,078
Huntingdon	34	741	2,015,242	150,867	11,055,739	14,688,504
Iberville	41	499	911,271	83,509	2,622,258	4,642,487
Iles-de-la-Madeleine	25	453	264,611	34,525	1,353,004	1,862,077
Jésus Island	37	586	957,444	64,358	1,761,505	3,613,445
Joliette	132	2,756	5,867,211	942,325	15,008,540	28,613,153
Kamouraska	91	585	807,079	50,111	2,802,991	4,250,705
Labelle	94	712	1,111,140	74,133	3,688,781	5,891,604
Lac St. Jean Est	81	1,589	5,119,630	3,344,623	17,315,716	40,076,597
Lac St. Jean Ouest	157	1,430	3,524,286	1,292,513	12,493,739	26,559,670
Laprairie	35	1,019	2,504,020	887,884	3,783,190	9,632,276
L'Assomption	73	1,704	3,520,431	364,469	6,667,135	11,220,265
Lévis	94	3,011	5,188,021	355,870	8,890,262	18,425,815
L'Islet	99	807	1,292,842	95,334	2,868,726	5,628,070
Lotbinière	106	597	851,925	146,790	4,349,160	6,123,548
Maskinonge	74	1,673	2,599,176	335,009	6,818,735	13,046,157
Matane	78	742	1,502,660	64,840	3,274,082	6,544,355
Matapédia	74	452	659,636	46,631	2,775,097	3,956,512
Mégantic	110	1,907	3,561,974	214,734	6,340,811	12,010,913
Missisquoi	81	3,692	7,784,045	679,523	16,710,889	36,431,904
Montcalm	64	359	499,954	44,461	2,688,131	3,640,417
Montmagny	90	1,743	3,116,842	210,564	7,601,266	13,095,971
Montmorency no. 1	49	808	2,227,510	1,359,581	4,870,136	14,614,625
Montmorency no. 2	16	76	131,130	13,385	360,718	582,760
Montreal	4,597	227,223	575,191,390	41,207,380	1,531,318,468	2,666,709,367
Napierville	34	540	847,630	78,155	4,695,913	7,031,269
Nicolet	119	849	1,251,086	169,104	8,030,862	10,450,970
Papineau	89	2,018	5,364,395	1,457,458	11,374,310	26,512,056
Pontiac	51	368	571,196	47,940	2,423,922	3,561,329
Portneuf	166	2,888	7,045,145	2,830,865	19,164,911	41,296,521
Québec	586	19,550	39,890,327	4,842,952	112,709,282	198,314,193
Richelieu	78	5,426	14,012,343	1,550,399	12,027,143	30,421,868
Richmond	80	2,912	7,779,666	1,543,749	20,084,201	39,831,058
Rimouski	142	898	1,560,909	144,488	4,653,421	8,066,009
Rivière-du-Loup	117	1,008	1,839,374	144,488	6,352,413	9,795,012
Rouville	87	1,437	2,377,295	372,362	8,875,234	15,152,090
Saguenay	62	1,132	4,096,849	604,332	13,692,020	29,058,213
Shefford	146	6,563	14,132,769	820,016	35,558,339	63,860,649
Sherbrooke	125	9,236	20,614,609	1,485,925	50,750,481	91,106,340
Soulanges	25	83	152,779	19,448	739,552	998,568
Stanstead	101	4,849	8,924,296	864,296	44,718,255	63,044,325
St. Hyacinth	147	5,511	10,800,580	663,834	32,278,525	51,679,646
St. Jean	88	5,785	13,163,181	1,058,658	20,545,027	44,698,908
St. Maurice	193	13,606	39,257,672	15,862,421	98,097,174	217,769,052

TABLE 19. Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1951—Continued

County and Census Division	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Quebec — continued:						
Témiscamingue	92	2,339	6,723,969	3,240,778	66,936,716	89,218,973
Témiscouata	85	758	1,359,850	65,655	4,003,656	6,504,844
Terrebonne	205	6,066	12,627,085	908,485	26,666,070	50,282,632
Vaudreuil	43	274	421,556	35,424	1,000,315	1,724,116
Verchères	62	1,137	2,485,393	333,694	9,933,776	17,072,617
Wolfe	68	600	892,892	211,066	2,198,232	3,752,679
Yamaska	55	228	319,694	87,651	2,326,717	3,102,212
Totals	**11,861**	**417,182**	**1,005,601,680**	**135,585,022**	**2,696,638,646**	**4,916,157,419**
Ontario:						
Algoma	116	8,756	26,857,576	10,196,999	71,243,132	139,081,261
Brant	207	15,390	41,830,659	2,020,503	80,225,503	158,792,132
Bruce	156	2,454	4,637,541	310,241	10,598,931	17,901,454
Carleton	370	10,925	26,855,982	2,082,803	50,841,694	106,102,854
Cochrane	112	4,532	15,435,148	3,124,547	30,700,422	82,715,460
Dufferin	34	242	407,676	55,756	1,734,964	2,361,262
Dundas	50	761	1,500,181	174,513	9,280,012	13,999,384
Durham	83	2,484	6,844,058	599,380	12,585,110	27,610,520
Elgin	101	3,313	7,506,606	535,797	31,372,572	47,197,253
Essex	422	39,015	121,800,655	7,967,287	386,927,901	696,591,153
Frontenac	117	6,092	15,824,487	1,551,386	34,117,754	72,814,903
Glengarry	69	377	554,482	81,700	3,408,589	4,435,472
Grenville	58	1,566	3,151,632	683,432	13,211,653	20,422,799
Grey	194	4,850	10,620,711	596,480	17,512,376	34,692,333
Haldimand	60	1,667	3,619,070	572,933	11,732,439	20,041,986
Haliburton	33	396	691,961	47,230	1,452,807	2,958,018
Halton	133	5,122	13,315,384	1,184,240	29,670,403	53,978,027
Hastings	238	7,347	17,320,148	2,773,125	38,313,025	77,802,126
Huron	142	1,638	3,108,142	509,286	11,227,480	17,686,816
Kenora	88	1,935	6,027,088	828,465	29,537,170	48,262,487
Kent	199	8,513	22,819,094	2,742,953	90,127,218	139,019,005
Lambton	130	8,928	27,965,132	13,023,726	118,165,003	208,658,344
Lanark	129	3,090	6,506,361	536,851	16,716,605	29,154,658
Leeds	126	3,059	7,257,787	596,289	36,370,607	50,531,232
Lennox and Addington	68	857	1,787,103	387,772	6,212,317	10,443,473
Lincoln	212	15,825	47,151,999	2,968,900	88,894,663	179,245,444
Manitoulin	30	107	136,964	19,076	578,188	852,340
Middlesex	373	17,772	47,026,680	2,607,097	111,931,385	211,828,210
Muskoka	81	1,069	2,110,432	141,581	6,339,757	10,545,443
Nipissing	103	2,066	4,973,389	507,794	8,429,095	19,010,243
Norfolk	85	1,976	4,478,618	336,007	36,532,620	47,877,564
Northumberland	131	1,922	4,044,901	356,809	11,358,172	20,364,322
Ontario	167	15,442	49,708,681	2,174,496	204,852,203	344,268,139
Oxford	202	7,024	16,725,909	1,543,977	59,071,573	96,415,831
Parry Sound	109	1,092	2,249,827	261,308	5,811,074	12,276,464
Peel	124	10,710	33,325,095	4,178,083	45,837,687	119,910,453
Perth	161	5,268	12,327,493	1,712,542	30,039,464	52,899,812
Peterborough	148	10,226	29,217,407	1,316,632	79,593,281	127,364,591
Prescott	98	1,152	2,885,879	987,089	10,112,486	15,970,629
Prince Edward	68	838	1,191,529	169,806	5,483,845	8,585,588
Rainy River	54	980	3,486,250	774,343	8,050,445	18,956,198
Renfrew	204	4,179	8,738,040	1,084,852	18,935,377	36,696,254
Russell	59	182	249,735	67,244	2,049,855	2,521,890
Simcoe	228	6,312	14,031,289	852,128	35,942,267	59,914,502
Stormont	89	7,287	19,528,236	3,787,200	37,916,145	86,534,076
Sudbury	155	10,018	31,910,005	14,243,639	92,593,186	273,255,072
Thunder Bay	248	8,188	25,768,778	6,857,454	63,164,675	158,526,558
Timiskaming	116	1,388	2,729,721	200,411	5,631,308	11,229,854
Victoria	89	1,831	3,707,324	339,999	6,671,340	13,687,023
Waterloo	517	31,106	77,470,722	4,147,799	178,300,167	340,266,209
Welland	280	25,040	80,390,291	19,123,707	300,498,547	509,583,309
Wellington	223	8,187	20,538,220	1,341,891	43,095,827	80,938,552
Wentworth	639	61,346	179,876,159	20,814,012	399,391,665	772,493,872
York	4,597	197,591	549,162,745	24,837,215	1,294,002,383	2,359,458,363
Totals	**13,025**	**599,433**	**1,669,386,982**	**170,936,785**	**4,334,394,367**	**8,074,731,217**
Manitoba:						
Division no. 1	51	208	316,204	53,243	1,421,424	2,115,749
Division no. 2	35	341	577,703	100,397	2,491,226	3,964,618
Division no. 3	25	88	141,299	26,372	1,071,203	1,364,624
Division no. 4	10	68	120,701	13,844	404,175	628,984
Division no. 5	53	3,171	8,898,360	1,251,673	17,263,219	35,527,166
Division no. 6	981	32,675	79,201,981	6,052,701	282,174,621	441,438,248
Division no. 7	63	805	1,846,130	210,948	10,798,603	16,162,377
Division no. 8	15	80	141,734	22,184	1,416,347	1,736,640
Division no. 9	49	2,651	6,176,962	742,867	7,394,458	19,912,730
Division no. 10	24	170	297,909	78,182	1,105,278	1,758,145
Division no. 11	18	77	128,540	23,414	1,020,079	1,299,231
Division no. 12	31	121	186,762	24,854	1,319,606	1,701,363
Division no. 13	33	176	275,128	33,508	1,176,180	1,744,569
Division no. 14	43	143	180,888	18,430	1,185,189	1,585,923
Division no. 15	28	70	107,320	15,625	607,056	843,720
Division no. 16	53	615	1,573,345	625,525	18,354,943	19,561,959
Totals	**1,512**	**41,459**	**100,170,966**	**9,293,767**	**349,203,612**	**551,346,046**

TABLE 19. Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1951—Concluded

Census Division	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Saskatchewan:						
Division no. 1	21	121	256,504	40,373	835,057	1,483,430
Division no. 2	13	78	153,241	15,041	367,321	667,106
Division no. 3	6	23	28,625	2,495	29,712	74,839
Division no. 4	11	54	88,791	14,343	431,804	608,804
Division no. 5	28	135	234,940	41,192	2,167,469	2,667,861
Division no. 6	152	3,004	7,926,542	1,339,820	42,247,429	62,118,225
Division no. 7	50	1,321	3,520,892	676,544	32,963,248	41,757,480
Division no. 8	17	217	537,699	84,446	1,899,097	3,026,264
Division no. 9	75	349	582,135	100,617	3,257,878	4,815,640
Division no. 10	13	60	90,244	11,966	959,532	1,167,225
Division no. 11	127	2,750	6,672,605	768,794	46,525,584	63,690,403
Division no. 12	12	74	126,371	23,935	426,133	681,452
Division no. 13	14	84	179,254	37,734	396,336	1,151,294
Division no. 14	205	658	960,724	88,200	2,468,207	5,213,998
Division no. 15	85	1,106	2,525,939	232,378	13,535,164	19,443,536
Division no. 16	69	374	541,864	66,494	2,227,601	3,469,602
Division no. 17	75	615	1,863,924	1,028,593	34,413,883	38,775,867
Division no. 18						
Totals	**973**	**11,023**	**26,290,294**	**4,572,965**	**185,151,455**	**250,813,026**
Alberta:						
Division no. 1	43	1,279	2,845,757	218,499	19,689,769	26,928,897
Division no. 2	99	1,589	3,441,027	355,302	9,844,487	19,106,386
Division no. 3	14	585	1,505,859	83,375	2,078,785	5,273,328
Division no. 4	31	357	876,590	111,137	5,561,202	7,740,918
Division no. 5	10	39	57,908	7,991	220,011	323,754
Division no. 6	438	9,691	25,604,218	3,492,340	111,446,513	165,388,024
Division no. 7	25	93	177,160	33,677	1,556,256	1,965,382
Division no. 8	107	529	1,010,831	127,145	6,860,815	9,395,491
Division no. 9	204	797	1,202,237	104,587	4,844,748	7,513,627
Division no. 10	51	303	711,829	206,995	4,548,755	6,825,906
Division no. 11	443	10,185	26,135,185	1,944,138	124,505,841	177,724,618
Division no. 12	214	1,115	1,597,812	149,813	4,437,850	7,456,874
Division no. 13	68	243	378,726	31,643	1,683,352	2,585,132
Division no. 14	158	718	1,029,757	98,965	4,355,444	6,362,533
Division no. 15	93	724	1,160,629	93,994	3,480,604	5,965,599
Division no. 16	111	816	1,354,399	134,852	4,217,407	7,497,534
Division no. 17	9	42	45,663	6,739	98,779	227,381
Totals	**2,118**	**29,105**	**69,135,587**	**7,201,192**	**309,430,618**	**458,281,384**
British Columbia:						
Division no. 1	122	1,373	3,199,750	389,407	7,008,535	14,494,233
Division no. 2	182	6,930	21,237,810	2,631,615	146,233,305	192,143,619
Division no. 3	313	3,653	7,739,010	568,787	16,336,799	33,678,571
Division no. 4	1,800	54,643	153,612,519	10,075,404	456,477,316	791,246,556
Division no. 5	489	13,685	41,255,443	3,771,310	83,690,186	195,013,322
Division no. 6	187	1,979	4,442,368	402,478	8,775,541	18,324,175
Division no. 7	36	3,409	12,028,898	2,612,754	23,861,033	70,653,566
Division no. 8	632	5,333	11,601,285	931,963	27,350,660	53,591,647
Division no. 9	55	2,118	6,619,981	1,118,411	17,845,728	31,721,834
Division no. 10	81	524	889,219	89,230	2,261,314	4,012,818
Totals	**3,897**	**93,647**	**262,626,283**	**22,591,359**	**789,840,417**	**1,404,880,341**

APPENDIX 1

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1951

MONTREAL METROPOLITAN AREA

Industry	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Foods and Beverages:						
Aerated waters	28	1,115	2,954,762	247,187	5,796,197	20,091,675
Biscuits	7	2,019	3,760,293	262,757	13,268,567	25,302,415
Bread and other bakery products	144	5,055	11,139,413	1,041,004	20,443,371	41,431,339
Breakfast foods	3	78	159,817	10,774	568,437	1,191,036
Breweries	6	2,628	8,828,555	710,534	14,638,614	44,552,443
Butter and cheese	11	2,043	5,380,719	549,506	16,255,534	25,318,795
Confectionery	39	2,202	4,310,059	279,467	15,216,806	28,491,734
Distilled liquors	4	1,535	4,674,694	566,412	13,549,190	33,294,504
Fruit and vegetable preparations	36	1,008	1,958,659	213,123	8,064,172	12,628,934
Miscellaneous food preparations	69	2,258	5,259,546	485,658	53,855,169	74,110,525
Other dairy products	6	184	422,502	58,584	1,516,218	2,909,370
Prepared stock and poultry feed	12	438	1,177,398	93,402	22,561,381	27,134,486
Processed cheese	4	468	1,286,606	42,327	11,224,258	12,808,663
Sausage and sausage casings	19	271	527,262	55,203	4,117,829	5,283,967
Slaughtering and meatpacking	21	2,985	8,718,331	658,934	122,527,343	140,459,218
All other industries[1]	12	1,938	5,808,878	1,143,539	75,622,151	94,414,944
Totals	**421**	**26,225**	**66,367,494**	**6,418,411**	**399,225,237**	**589,424,048**
Tobacco and Tobacco Products:						
Totals	**21**	**5,355**	**14,794,007**	**204,480**	**43,335,669**	**77,878,651**
Rubber Products:						
Totals	**11**	**3,332**	**9,171,396**	**313,083**	**11,747,044**	**24,675,618**
Leather Products:						
Belting	5	81	197,600	12,219	615,119	953,412
Boot and shoe findings	10	92	220,691	10,913	327,079	734,832
Footwear	75	6,517	12,100,075	158,175	21,031,031	38,104,674
Gloves and mittens	18	622	1,063,810	15,453	1,983,246	3,675,080
Miscellaneous leather products	83	1,937	3,378,967	48,817	4,453,699	9,570,665
Tanneries	3	38	68,202	4,448	91,693	205,672
Totals	**194**	**9,287**	**17,029,345**	**250,025**	**28,501,867**	**53,244,335**
Textile Products (Except Clothing):						
Awnings, texts and sails	16	323	583,545	14,636	1,632,519	2,730,178
Bags, cotton and jute	11	551	990,878	39,682	12,240,825	13,915,824
Cotton yarn and cloth	5	4,177	9,513,574	505,078	18,102,563	32,331,196
Dyeing, finishing of textiles	25	875	2,142,326	257,600	1,008,728	4,591,871
Embroideries, pleating etc.	91	1,251	2,229,168	25,523	1,672,636	5,559,980
Miscellaneous cotton goods	7	201	481,397	52,626	2,417,711	3,612,113
Miscellaneous textile products	70	1,864	3,610,212	151,400	12,037,478	19,881,708
Miscellaneous woollen goods	3	76	153,128	17,687	742,897	1,034,174
Narrow fabrics	19	467	894,134	26,980	1,422,260	3,118,714
Woollen cloth	7	105	370,762	2,001	443,997	617,090
Woollen yarn	4	200	353,894	18,437	785,116	1,778,742
All other industries[2]	18	3,242	10,121,738	389,354	16,161,927	29,061,438
Totals	**276**	**13,332**	**31,444,756**	**1,501,004**	**68,668,657**	**118,233,028**
Clothing (Textile and Fur):						
Clothing, children's	90	3,819	6,255,960	72,351	12,962,407	23,798,167
Clothing contractors, men's	90	1,811	3,437,518	38,150	306,157	4,484,413
Clothing contractors, women's	53	892	1,625,623	14,823	89,537	2,643,024
Clothing, men's factory	280	11,697	24,520,715	218,383	56,240,107	101,660,351
Clothing, women's factory	538	18,116	35,113,670	290,320	68,046,724	130,589,828
Corsets	9	580	885,582	9,471	1,303,153	3,072,564
Fur dressing and dyeing	6	679	1,678,889	67,035	570,358	2,929,463
Fur goods	241	2,622	6,222,527	82,627	19,175,365	29,639,547
Hats and caps	63	2,207	4,527,277	80,345	5,270,397	12,457,029
Hosiery	20	1,102	2,313,931	55,732	2,215,369	6,580,726
Knitted goods	46	1,887	3,320,855	73,399	7,308,707	12,807,835
Oiled and waterproofed clothing	9	330	689,456	6,002	1,920,340	3,493,217
Miscellaneous clothing[3]	33	755	1,245,390	17,038	3,018,867	5,284,622
Totals	**1,478**	**46,497**	**91,837,393**	**1,025,676**	**178,127,488**	**339,440,786**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1951 — Continued

MONTREAL METROPOLITAN AREA — Continued

Industry	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Wood Products:						
Boxes and baskets, wood	7	408	916,401	28,620	1,342,794	2,830,920
Coffins and caskets	3	58	103,687	3,918	172,022	330,069
Cooperage	3	48	109,796	4,550	372,309	601,862
Furniture	223	4,749	10,659,297	337,980	17,656,636	36,208,753
Lasts, trees and shoe findings	5	257	523,492	15,956	363,533	1,022,273
Miscellaneous wood products	42	342	719,265	55,267	1,814,404	3,009,807
Sash, door and planing mills	69	949	2,106,112	136,946	6,416,583	10,215,153
All other industries[4]	9	432	1,088,279	64,656	1,957,561	4,028,179
Totals	**361**	**7,243**	**16,226,329**	**647,893**	**30,095,842**	**58,247,916**
Paper Products:						
Boxes and bags	34	2,935	6,397,432	194,364	18,765,965	31,727,276
Miscellaneous paper goods	43	1,234	2,722,004	83,399	6,364,932	11,848,219
All other industries[5]	7	2,222	8,256,440	513,213	8,906,686	20,345,021
Totals	**84**	**6,391**	**17,375,876**	**790,976**	**34,037,583**	**63,920,516**
Printing, Publishing and Allied Industries:						
Engraving, electrotyping and stereotyping	32	782	2,652,766	60,055	964,133	4,939,020
Lithographing	9	759	2,313,354	41,021	3,626,070	7,166,775
Printing and bookbinding	324	5,033	12,932,408	260,127	10,143,683	30,332,725
Printing and publishing	28	4,493	13,883,315	238,050	11,710,270	36,335,878
Publishing (only) of periodicals	251	1,757	4,151,752	—	8,065,268	18,332,363
Trade composition	9	264	728,220	14,158	104,776	1,272,814
Totals	**653**	**13,088**	**36,661,815**	**613,411**	**34,614,200**	**98,379,575**
Iron and Steel Products:						
Boilers and plate work	11	1,300	4,465,169	146,117	4,557,170	12,484,806
Bridge building and structural steel	7	2,661	8,839,839	329,166	15,938,403	33,860,540
Hardware, tools and cutlery	47	2,705	7,090,744	259,815	6,509,922	22,049,558
Heating and cooking apparatus	9	675	1,879,136	80,219	4,683,197	7,261,722
Iron castings	10	2,592	7,341,582	512,248	12,133,371	25,460,567
Machinery, household office and store	14	745	1,845,806	47,168	860,911	3,216,593
Machinery, industrial	33	4,931	15,543,639	556,451	19,415,031	43,109,228
Machine shops	59	1,110	2,916,582	100,519	1,492,475	6,196,789
Miscellaneous iron and steel products	49	703	1,647,434	74,595	1,385,362	4,040,591
Primary iron and steel	4	2,588	7,881,025	1,423,376	11,380,434	30,147,083
Sheet metal products	54	4,722	13,074,212	501,684	25,476,777	48,109,366
Wire and wire goods	25	1,925	5,847,109	402,720	6,772,008	24,455,182
Totals	**322**	**26,657**	**78,372,277**	**4,434,078**	**110,605,861**	**260,392,025**
Transportation Equipment:						
Boatbuilding	6	23	36,725	1,137	21,227	73,736
Motor vehicle parts	18	251	579,001	29,501	530,984	1,386,884
Railway rolling stock	9	15,361	40,973,279	2,265,625	72,738,692	124,558,000
Shipbuilding	6	2,270	7,075,412	282,850	7,432,610	17,470,186
All other industries[6]	13	9,166	27,801,633	627,738	29,475,104	61,001,185
Totals	**52**	**27,071**	**76,466,050**	**3,206,851**	**110,198,617**	**204,489,991**
Non-ferrous Metal Products[10]:						
Aluminum products	12	978	3,227,006	37,612	1,049,588	2,550,922
Brass and copper products	28	2,825	7,976,591	739,000	49,553,819	66,311,006
Jewellery and silverware	61	1,413	2,692,805	26,168	3,433,241	8,066,456
Miscellaneous non-ferrous metal products	6	158	391,648	9,196	368,950	1,059,852
White metal alloys	14	418	1,145,266	77,946	9,833,940	12,676,873
Totals[10]	**121**	**5,792**	**15,433,316**	**889,922**	**64,239,538**	**90,665,109**
Electrical Apparatus and Supplies:						
Heavy electrical machinery	11	952	2,506,720	48,993	2,542,991	5,666,835
Miscellaneous electrical apparatus and supplies	28	11,081	32,637,202	781,985	39,280,071	96,199,981
Radios and radio parts	11	2,995	9,087,756	174,435	13,803,243	25,738,759
Refrigerators, vacuum cleaners and appliances	13	1,926	4,736,288	310,757	11,674,486	23,984,421
All other industries	2	34	91,868	6,276	432,286	553,753
Totals	**65**	**16,988**	**49,059,834**	**1,322,446**	**67,733,077**	**152,143,749**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1951 — Continued

MONTREAL METROPOLITAN AREA — Concluded

Industry	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Non-metallic Mineral Products:						
Cement products	33	940	2,377,787	314,093	5,130,779	10,920,746
Glass and glass products	23	2,235	5,549,453	1,715,447	6,509,012	18,547,450
Miscellaneous non-metallic mineral products	12	185	476,085	71,647	1,074,097	2,393,998
Stone products	12	147	348,068	38,866	329,477	984,818
All other industries[7]	10	1,729	4,950,843	3,606,646	6,732,345	25,576,038
Totals	**90**	**5,236**	**13,702,236**	**5,746,699**	**19,775,710**	**58,423,050**
Products of Petroleum and Coal:						
Totals	**8**	**3,249**	**11,163,540**	**11,931,506**	**189,483,673**	**264,898,553**
Chemicals and Allied Products:						
Acids, alkalies and salts	3	385	1,532,597	53,287	4,612,652	5,621,554
Adhesives[4]	9	177	462,700	55,877	1,808,382	3,055,195
Gases, compressed	7	230	660,126	80,301	428,981	2,830,980
Inks, writing and printing	10	116	283,878	14,249	556,333	1,263,915
Medicinal and pharmaceutical preparations	69	3,236	8,470,514	293,274	10,726,225	34,818,377
Miscellaneous chemical products	43	1,006	3,344,072	160,349	6,328,573	11,207,411
Paints, varnishes and lacquers	28	2,466	6,429,475	233,818	17,402,363	31,820,483
Polishes and dressings	11	220	451,257	29,902	1,925,229	3,022,742
Soaps, washing compounds and cleaning preparations	27	448	1,111,314	85,071	2,392,658	5,491,609
Toilet preparations	31	643	1,365,773	38,578	2,920,171	7,180,771
All other industries[8]	8	718	2,370,146	246,924	11,116,335	17,322,597
Totals	**246**	**9,645**	**26,481,852**	**1,291,630**	**60,217,902**	**123,635,634**
Miscellaneous Manufacturing Industries:						
Artificial flowers and feathers	20	451	700,805	5,168	831,352	1,962,019
Brooms, brushes and mops	26	389	644,946	23,126	1,274,953	2,289,147
Buttons, buckles and fasteners	25	518	943,188	24,707	1,699,805	3,395,280
Candles	7	94	155,771	15,873	290,649	741,298
Clocks, watches and watch cases	16	132	343,097	2,395	990,480	1,594,418
Fountain pens and pencils	5	242	443,538	8,656	894,071	1,995,365
Hair goods	10	79	184,794	2,955	955,449	1,277,982
Ice, artificial	8	74	182,689	96,953	34,930	603,796
Lamps, electric, and lamp shades	24	432	776,995	23,735	1,393,872	2,812,765
Other miscellaneous industries	7	186	423,570	12,856	569,042	1,385,683
Patterns and models	7	95	328,474	8,341	142,564	663,840
Pipes, lighters and smokers' supplies	4	98	225,314	8,763	223,074	544,938
Plastic products	27	459	998,434	49,601	3,329,452	5,924,395
Scientific and professional equipment	16	324	873,322	14,257	1,753,467	3,655,163
Signs, electric, neon and other	13	278	683,103	26,554	413,352	1,388,446
Sporting goods	9	215	372,745	12,003	524,473	1,096,717
Stamps and stencils, rubber and metal	9	87	211,614	4,917	104,241	422,421
Statuary, art goods and novelties	35	325	607,651	14,121	619,843	1,540,185
Toys and games	10	391	959,224	34,234	1,172,305	2,422,085
All other industries[9]	5	346	789,256	24,001	934,056	2,606,531
Totals	**283**	**5,215**	**10,848,530**	**413,216**	**18,151,430**	**38,322,474**
Grand Totals, Metropolitan Montreal[10]	**4,686**	**230,603**	**582,436,046**	**41,001,307**	**1,469,058,595**	**2,616,414,158**

1. Includes: Animal oil and fats, 1; fish processing, 1; feed mills, 1; flour mills, 3; wines, 1; sugar refining, 2; macaroni and kindred products, 3.
2. Includes: Cotton thread, 5; Synthetic textiles and silk, 2; carpets, mats and rugs, 1; cordage, rope and twine, 1; oilcloth, linoleum and other coated fabrics, 7; automobile accessories, fabric, 2.
3. Also, gloves and mittens, fabric, 1.
4. Includes: Plywoods and veneer, 1; hardwood flooring, 2; sawmills, 1; woodturning, 2; excelsior, 1; woodenware, 2.
5. Includes: Pulp and paper mills, 3; roofing paper, 4.
6. Includes: Aircraft and parts, 8; bicycles and parts, 2; carriages, wagons and sleighs, 1; motor vehicles, 2.
7. Includes: Abrasive products, 1; asbestos products, 2; cement, Portland, 1; clay product from imported clay, 2; clay product from domestic clay, 1; sand-lime brick, 1; lime, 1; gypsum products, 1.
8. Includes: Fertilizers, 2; vegetable oils, 2; primary plastics, 2; coal tar distillation, 2.
9. Includes: Musical instruments, 2; typewriter supplies, 1; umbrellas, 2.
10. Exclusive of non-ferrous smelting and refining industry.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1951 — Continued

TORONTO METROPOLITAN AREA

Industry	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Foods and Beverages:						
Animal oils and fats	4	108	332,421	75,468	921,512	1,451,004
Biscuits	5	1,300	2,769,452	165,986	7,135,817	16,840,195
Bread and other bakery products	199	5,881	13,393,510	1,165,206	20,406,414	43,057,862
Breweries	4	959	3,892,937	213,863	6,051,563	23,659,467
Butter and cheese	7	1,934	5,458,285	420,802	12,076,493	21,137,784
Carbonated beverages	20	1,009	2,567,866	207,280	4,542,075	14,993,610
Confectionery	39	3,524	7,192,378	481,497	20,997,411	36,157,990
Distilled liquors	3	333	1,040,039	180,316	5,543,748	9,317,905
Feed mills	5	14	20,400	3,231	183,754	259,986
Fruit and vegetable preparations	30	1,364	3,534,700	222,138	15,913,636	26,118,910
Macaroni and kindred products	3	76	185,333	18,028	682,986	1,076,691
Miscellaneous food preparations	68	2,316	5,902,947	522,292	45,415,888	62,764,338
Other dairy products	4	85	180,195	20,526	562,064	1,076,949
Processed cheese	5	145	304,581	16,079	2,846,666	3,672,304
Prepared stock and poultry feed	12	582	1,603,212	133,284	15,141,212	19,007,782
Sausage and sausage casings	16	173	385,934	23,729	3,345,040	4,129,862
Slaughtering and meatpacking	20	4,962	15,777,367	1,048,058	205,435,052	240,549,615
Wines	5	120	451,579	15,682	603,460	1,783,919
All other industries	6	414	1,421,794	91,962	11,331,030	13,549,696
Totals	**455**	**25,299**	**66,414,930**	**5,025,427**	**379,135,821**	**540,605,869**
Tobacco and Tobacco Products:						
Totals	**4**	**66**	**116,295**	**5,178**	**225,579**	**453,147**
Rubber Products:						
Totals	**14**	**6,236**	**19,438,485**	**1,288,093**	**53,721,300**	**105,308,148**
Leather Products:						
Belting	4	61	142,645	2,529	404,380	639,518
Footwear	30	1,403	2,810,321	31,243	4,383,344	8,326,690
Gloves and mittens	5	48	84,164	3,065	112,816	234,758
Miscellaneous leather products[1]	66	1,376	2,785,559	46,579	4,658,062	8,293,425
Tanneries	4	531	1,532,113	144,780	6,866,855	8,649,971
Totals	**109**	**3,419**	**7,354,802**	**228,196**	**16,425,457**	**26,144,362**
Textile Products (Except Clothing):						
Automobile accessories, fabric	3	28	54,998	2,267	128,445	225,119
Awnings, tents and sails	20	316	580,230	17,776	1,898,097	2,867,499
Bags, cotton and jute	4	135	262,674	11,674	2,944,758	3,421,122
Carpets, mats and rugs	5	422	1,170,433	158,240	3,080,746	6,271,754
Dyeing and finishing of textiles	11	262	622,961	56,747	209,489	1,376,997
Embroideries, pleating, hemstitching, etc.	33	351	739,817	12,507	958,096	2,258,647
Miscellaneous textiles	46	1,010	2,074,951	61,701	6,562,358	10,175,528
Miscellaneous woollen goods	18	508	1,451,686	85,919	13,190,970	16,070,933
Narrow fabrics	12	193	372,667	11,944	657,762	1,274,469
Oilcloth, linoleum and other coated fabrics	3	536	1,771,452	85,909	4,034,298	7,498,091
Woollen cloth	7	739	1,867,983	10,005	6,882,811	8,805,433
Woollen yarn	6	696	1,610,928	103,563	5,142,416	7,973,669
All other industries[2]	8	447	1,096,452	39,140	3,883,151	5,757,327
Totals	**176**	**5,643**	**13,677,232**	**657,392**	**49,573,397**	**73,976,588**
Clothing (Textile and Fur):						
Clothing, children's	37	813	1,447,276	15,790	1,988,673	4,219,780
Clothing contractors, men's	17	218	449,422	6,588	107,481	624,634
Clothing contractors, women's	13	77	120,483	3,375	18,111	178,815
Clothing, men's factory	110	6,903	15,746,468	146,699	26,235,658	49,806,994
Clothing, women's factory	270	6,596	14,895,158	127,239	21,754,873	43,641,729
Corsets	17	936	1,596,864	13,707	2,206,461	4,692,229
Fur dressing and dyeing	4	270	658,374	26,692	225,261	1,052,353
Fur goods	186	1,582	4,396,733	58,546	11,485,836	18,383,901
Hats and caps	57	1,130	2,359,014	42,233	2,885,981	6,589,595
Hosiery	13	851	2,289,898	33,350	2,744,545	5,962,773
Knitted goods	38	2,125	4,541,414	115,645	9,584,862	16,922,575
Miscellaneous clothing[3]	22	457	801,127	9,160	1,549,593	2,819,914
Oiled and waterproofed clothing	4	136	293,963	2,599	490,376	1,040,991
Totals	**788**	**22,094**	**49,596,194**	**601,623**	**81,277,711**	**155,936,283**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1951 — Continued

TORONTO METROPOLITAN AREA — Continued

Industry	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Wood Products:						
Boxes and baskets, wood	10	421	974,684	17,474	1,513,657	3,544,331
Furniture	266	4,099	10,163,981	280,614	19,101,200	36,075,432
Hardwood flooring	3	267	871,885	31,928	1,441,532	2,745,738
Miscellaneous wood products	56	487	1,184,340	29,370	1,571,843	3,493,029
Sash, door and planing mills	54	1,086	2,777,441	133,603	5,879,334	10,466,757
Sawmills	5	43	101,553	2,135	142,281	263,982
Woodenware	3	9	17,981	285	41,717	67,956
Woodturning	6	25	44,538	1,761	51,857	119,981
All other industries[4]	6	222	557,943	18,598	712,611	1,492,221
Totals	**409**	**6,659**	**16,694,346**	**515,768**	**30,456,032**	**58,269,427**
Paper Products:						
Boxes and bags, paper	50	3,925	10,676,960	307,467	29,123,505	50,876,506
Miscellaneous paper products[5]	69	3,324	8,751,232	386,484	18,555,827	36,505,561
Pulp and paper mills	6	1,293	6,202,517	1,231,877	10,201,634	18,761,185
Totals	**125**	**8,542**	**25,630,709**	**1,925,828**	**57,880,966**	**106,143,252**
Printing, Publishing and Allied Industries:						
Engraving, electrotyping and stereotyping	44	1,994	7,181,368	112,079	2,616,694	12,512,927
Lithographing	32	1,703	5,040,653	88,077	6,395,103	15,840,861
Printing and bookbinding	379	8,382	21,987,357	437,448	24,994,698	63,339,397
Printing and publishing	44	6,559	22,214,287	502,535	20,478,671	59,345,943
Publishing (only) of periodicals	294	1,059	2,042,707	—	5,242,727	9,253,110
Trade composition	19	401	1,320,319	16,051	133,585	1,983,958
Totals	**812**	**20,098**	**59,786,691**	**1,156,190**	**59,861,478**	**162,276,196**
Iron and Steel Products:						
Boilers and platework	14	2,956	10,036,486	384,902	10,960,236	27,893,765
Bridge building and structural steel	6	1,594	5,497,438	208,635	8,447,958	19,750,189
Hardware, tools and cutlery	83	2,772	7,956,992	340,732	9,029,984	25,026,651
Heating and cooking apparatus	22	1,787	5,682,079	198,752	8,768,563	19,509,782
Iron castings	14	1,401	4,288,779	106,964	6,860,132	14,337,777
Machinery, household office and store	23	2,806	8,240,271	173,796	14,058,209	36,100,267
Machinery, industrial[6]	68	8,884	28,392,708	589,617	46,052,838	89,712,979
Machine shops	74	1,076	2,843,674	76,871	1,607,436	6,192,379
Miscellaneous iron and steel products	57	2,424	6,985,808	421,210	3,823,925	13,706,488
Sheet metal products	63	4,975	14,357,244	599,346	28,206,208	52,084,270
Wire and wire goods	25	380	1,011,663	76,021	2,631,343	4,807,814
Totals	**449**	**31,055**	**95,293,142**	**3,176,846**	**140,446,830**	**309,122,361**
Transportation Equipment:						
Carriages, wagons and sleighs	4	202	526,850	17,226	868,003	1,669,760
Motor vehicle parts	31	3,823	10,736,869	485,935	16,265,335	33,472,054
Railway rolling stock	4	1,330	3,738,996	127,108	4,447,272	9,000,394
All other industries[7]	8	2,693	7,969,230	276,024	12,061,903	25,941,171
Totals	**47**	**8,048**	**22,971,945**	**906,293**	**33,642,513**	**68,083,379**
Non-ferrous Metal Products:						
Aluminum products	26	1,805	4,957,825	305,827	4,778,941	13,987,658
Brass and copper products	36	2,773	8,949,439	605,033	32,752,250	49,844,791
Jewellery and silverware	91	2,176	5,321,905	149,807	19,758,075	28,059,549
Miscellaneous non-ferrous metal products	7	681	1,850,633	44,626	2,008,602	6,369,190
White metal alloys	13	1,441	4,424,002	456,635	26,629,564	35,303,836
Totals	**173**	**8,876**	**25,503,804**	**1,561,928**	**85,927,432**	**133,565,024**
Electrical Apparatus and Supplies:						
Batteries	5	1,413	4,316,996	235,388	17,834,754	27,453,514
Heavy electrical machinery	23	7,224	22,549,707	346,394	23,496,691	62,770,087
Miscellaneous electrical apparatus and supplies	56	5,329	15,726,411	562,085	34,306,132	71,589,351
Radios and radio parts	28	3,978	11,512,000	273,347	13,876,729	33,921,716
Refrigerators, vacuum cleaners and appliances	34	3,290	9,648,322	417,333	23,506,449	44,607,762
Totals	**146**	**21,234**	**63,753,436**	**1,834,547**	**113,020,755**	**240,342,430**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1951 — Continued

TORONTO METROPOLITAN AREA — Concluded

Industry	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Non-metallic Mineral Products:						
Cement products	40	673	1,944,716	196,470	3,273,314	8,385,684
Clay products from domestic clay	10	501	1,581,556	578,024	116,065	3,307,065
Clay products from imported clay	5	67	183,632	12,097	414,620	1,037,225
Glass and glass products	39	945	2,584,900	230,676	2,791,131	5,801,302
Miscellaneous non-metallic mineral products	13	206	601,073	64,022	1,453,545	2,750,900
Sand-lime brick	3	148	409,328	56,535	401,666	1,367,309
Stone products	25	738	2,338,794	251,605	1,991,315	5,609,128
All other industries[8]	3	114	387,337	6,012	80,525	187,210
Totals	**138**	**3,392**	**10,031,336**	**1,395,441**	**10,522,181**	**28,445,823**
Products of Petroleum and Coal:						
Totals	**6**	**2,911**	**9,549,840**	**723,686**	**9,815,447**	**20,512,865**
Chemical and Allied Products:						
Acids, alkalies and salts	4	255	887,553	204,482	2,587,116	4,630,671
Adhesives	11	359	1,000,070	148,311	2,947,503	5,125,512
Fertilizers	3	95	248,130	7,531	2,837,130	3,829,838
Gases, compressed	9	351	1,101,822	149,535	480,534	3,113,646
Inks, writing and printing	19	688	2,110,953	68,460	4,558,856	9,135,641
Medicinal and pharmaceutical preparations	59	2,106	4,941,732	137,925	7,856,029	23,492,868
Miscellaneous chemical products	60	716	2,105,252	113,137	10,067,918	16,497,052
Paints, varnishes and lacquers	32	1,924	5,739,007	275,613	23,215,205	45,728,955
Polishes and dressings	20	268	608,243	22,384	1,824,463	3,445,866
Soaps, washing compounds and cleaning preparations	28	2,425	7,670,108	624,609	24,739,986	47,123,024
Toilet preparations	42	813	1,751,100	32,895	3,798,039	11,088,930
Vegetable oils	3	336	1,180,724	375,408	27,430,179	33,238,538
All other industries[9]	4	261	768,924	324,993	3,169,741	5,894,517
Totals	**294**	**10,597**	**30,113,618**	**2,485,283**	**115,512,699**	**212,345,058**
Miscellaneous Manufacturing Industries:						
Artificial flowers and feathers	11	149	187,781	5,266	102,519	430,011
Brooms, brushes and mops	14	430	982,093	15,273	1,944,061	3,574,204
Buttons, buckles and fasteners	7	193	421,200	8,108	359,752	1,041,819
Clocks, watches and watch cases	9	284	706,187	5,978	2,753,639	4,647,020
Fountain pens and pencils	7	491	1,360,239	23,789	1,700,772	3,771,083
Hair goods	7	71	155,691	2,872	902,210	1,205,141
Ice, artificial	13	353	880,202	136,470	41,066	1,809,354
Lamps, electric and lamp shades	23	568	1,114,727	41,192	1,780,336	3,567,617
Musical instruments	13	420	994,184	54,570	1,723,119	3,382,013
Other miscellaneous industries[10]	13	325	795,748	21,606	930,090	3,313,200
Patterns and models	14	123	392,871	4,399	107,012	647,699
Pipes, lighters and smoker's supplies	3	213	538,199	10,502	881,623	1,958,107
Plastic products	35	1,631	3,595,617	99,018	6,368,373	12,991,934
Scientific and professional equipment	34	2,739	8,635,860	250,733	10,101,918	26,862,849
Signs, electric, neon and other	23	516	1,393,538	42,520	1,061,490	3,217,599
Sporting goods	15	595	1,374,233	40,633	1,400,320	3,568,650
Stamps and stencils, rubber and metal	12	319	811,728	13,209	425,039	1,658,962
Statuary, art goods and novelties	37	364	712,361	18,510	840,867	1,973,089
Toys and games	23	789	1,644,922	33,586	2,492,574	5,236,757
Typewriter supplies	5	310	827,067	22,117	1,879,567	3,452,000
Umbrellas	3	91	145,857	1,137	322,964	516,397
Totals	**321**	**10,974**	**27,670,305**	**851,488**	**38,119,311**	**88,825,505**
Grand Totals, Metropolitan Toronto	**4,466**	**195,143**	**543,597,110**	**24,339,207**	**1,275,564,909**	**2,330,355,717**

1. Also, boot and shoe findings, 2.
2. Includes: Cordage rope and twine, 1; cotton thread, 1; cotton yarn and cloth, 2 synthetic textiles and silk, 1; miscellaneous cotton goods, 3.
3. Also, gloves and mittens, fabric, 1.
4. Includes: Coffins and caskets, 2; cooperage 2; excelsior, 1; lasts, trees and shoe findings, 1.
5. Also, roofing paper, 2.
6. Also, agricultural implements, 3; machine tools, 2.
7. Includes: Aircraft and parts 2; bicycles and parts 2; motor vehicles 2; shipbuilding, 2.
8. Includes: Abrasive products, 1; asbestos products, 2 and Gypsum products head office.
9. Includes: Coal tar distillation 2; primary plastics, 2.
10. Also, candles, 1.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1951 — Continued

HAMILTON METROPOLITAN AREA

Industry	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Foods and Beverages:						
Aerated waters	13	184	390,356	47,290	713,690	1,808,882
Biscuits	3	165	285,421	37,138	551,602	1,331,799
Bread and other bakery products	52	1,331	2,977,061	253,668	4,074,671	8,646,275
Confectionery	9	235	522,304	27,833	1,219,911	2,971,939
Feed mills	6	14	21,154	4,967	395,333	457,062
Fruit and vegetable preparations	17	1,112	2,204,394	132,994	6,305,520	10,044,295
Miscellaneous food preparations	10	296	494,535	24,069	2,194,297	3,641,283
Prepared stock and poultry feeds	6	33	60,002	8,176	198,142	281,414
Slaughtering and meatpacking	6	629	1,492,380	183,514	25,441,668	30,823,107
All other industries[1]	7	381	1,091,033	93,395	2,485,638	4,791,477
Totals	**129**	**4,380**	**9,538,640**	**813,044**	**43,580,472**	**64,797,533**
Leather Products:[2]						
Totals	**8**	**203**	**408,496**	**3,795**	**818,992**	**1,516,571**
Textile Products (Except Clothing):						
Awnings, tents and sails	4	55	102,909	2,171	66,415	202,211
Cotton yarn and cloth	6	2,421	4,967,050	321,846	12,978,981	21,635,962
All other industries[3]	11	928	2,189,598	134,776	7,464,602	11,759,411
Totals	**21**	**3,404**	**7,259,557**	**458,793**	**20,509,998**	**33,597,584**
Clothing (Textile and Fur):						
Clothing men's factory	8	864	1,483,153	26,188	2,479,073	4,632,884
Fur goods	7	33	77,650	2,907	181,129	351,030
Hosiery	4	1,111	2,632,961	100,470	2,090,247	5,949,181
Knitted goods	7	1,958	3,647,010	136,704	7,277,806	12,384,410
All other industries[4]	3	54	95,358	1,840	116,407	274,105
Totals	**29**	**4,020**	**7,936,132**	**268,109**	**12,144,662**	**23,591,610**
Wood Products:						
Boxes and baskets	4	125	230,910	5,684	374,045	762,970
Furniture	23	324	796,379	34,514	557,287	1,580,501
Miscellaneous wood products	5	20	53,749	12,258	84,684	210,755
Sash, door and planing mills	8	407	1,050,296	56,117	2,654,574	4,124,409
All other industries[5]	7	153	367,925	11,381	669,424	1,201,314
Totals	**47**	**1,029**	**2,499,259**	**119,954**	**4,340,014**	**7,879,949**
Paper Products:						
Boxes and bags	13	807	2,063,617	81,609	8,004,194	12,563,320
All other industries[6]	10	865	2,420,607	108,296	6,722,396	13,269,589
Totals	**23**	**1,672**	**4,484,224**	**189,905**	**14,726,590**	**25,832,909**
Printing, Publishing and Allied Industries:						
Engraving, electrotyping and stereotyping	6	130	502,829	6,950	119,462	859,114
Printing and bookbinding	51	583	1,665,333	46,115	2,500,530	5,323,055
Publishing (only) of periodicals	18	258	78,823	—	201,731	350,456
All other industries[7]	9	631	1,969,676	38,187	2,013,542	5,913,265
Totals	**84**	**1,602**	**4,216,661**	**91,252**	**4,835,265**	**12,445,890**
Iron and Steel Products:						
Boilers and plate work	3	82	230,357	11,084	211,340	899,483
Hardware, tools and cutlery	20	893	2,412,973	110,463	2,414,569	6,770,650
Heating and cooking apparatus	3	56	141,231	8,360	148,575	340,706
Iron castings	5	510	1,580,353	76,361	3,642,407	6,464,146
Machine shops	12	145	378,832	8,783	254,603	926,279
Machine tools	3	894	2,468,515	59,774	1,367,193	4,158,971
Machinery, household, office and store	5	845	2,258,099	42,203	2,573,677	5,330,207
Machinery, industrial	9	1,075	3,689,898	181,663	5,086,261	11,410,689
Miscellaneous iron and steel products	12	98	206,328	12,091	390,547	739,915
Primary iron and steel	11	11,724	40,832,560	11,758,410	102,202,870	188,501,778
Sheet metal products	19	1,523	4,553,195	225,899	11,238,490	19,125,110
Wire and wire goods	18	3,017	9,745,497	487,116	10,928,705	36,092,254
All other industries[8]	3	3,910	12,493,572	595,549	18,550,770	34,596,558
Totals	**123**	**24,772**	**80,991,410**	**13,577,756**	**159,010,007**	**315,356,746**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1931 — Continued

HAMILTON METROPOLITAN AREA — Concluded

Industry	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Transportation Equipment:[9]						
Totals	**8**	**2,070**	**8,921,392**	**608,820**	**31,970,342**	**53,836,148**
Non-ferrous Metal Products:						
Brass and copper products	10	487	1,648,798	76,047	4,275,606	7,790,612
Jewellery and silverware	6	352	1,010,551	28,687	1,148,911	2,066,723
All other industries[10]	8	373	1,144,982	93,025	2,411,801	4,496,651
Totals	**24**	**1,212**	**3,804,331**	**197,759**	**7,836,318**	**14,353,986**
Electrical Apparatus and Supplies:[11]						
Totals	**24**	**10,473**	**29,678,520**	**896,189**	**33,389,499**	**87,881,092**
Non-metallic Mineral Products:						
Cement products	15	299	761,557	122,203	970,918	2,426,076
Clay products from domestic clay	6	156	436,699	172,978	12,551	986,712
Clay products from imported clay	6	774	2,072,878	242,582	1,260,871	4,781,004
Miscellaneous non-metallic mineral products	4	36	106,223	116,369	159,332	570,794
Stone products	7	107	342,606	23,771	308,457	1,064,702
All other industries[12]	11	1,055	3,192,837	678,588	3,794,970	11,525,927
Totals	**49**	**2,427**	**6,912,800**	**1,356,491**	**6,507,099**	**21,355,215**
Products of Petroleum and Coal:[13]						
Totals	**6**	**772**	**2,419,439**	**1,468,448**	**14,201,383**	**27,631,860**
Chemicals and Allied Products:						
Miscellaneous chemical products	10	200	690,795	53,049	2,811,406	5,187,397
Polishes and dressings	4	49	115,805	5,121	300,052	586,516
Toilet preparations	3	74	169,010	2,285	320,312	1,000,345
All other industries[14]	18	1,030	3,469,076	438,158	20,861,516	30,747,483
Totals	**35**	**1,353**	**4,444,686**	**498,613**	**24,293,286**	**37,521,741**
Miscellaneous Manufacturing Industries:						
Brooms, brushes and mops	6	302	671,251	16,724	1,177,641	2,526,870
Ice, artificial	3	32	79,415	10,671	3,668	116,714
Patterns and models	4	24	89,321	1,332	25,875	201,155
Plastic products	5	83	145,975	1,844	234,394	449,967
Scientific and professional equipment	3	12	27,299	615	10,910	42,291
Sporting goods	4	16	22,320	620	28,726	61,960
Toys and games	4	37	71,108	57	203,808	402,562
All other industries[15]	6	76	189,527	11,458	207,502	492,420
Totals	**35**	**582**	**1,296,216**	**43,321**	**1,892,524**	**4,293,939**
All other Major Groups:						
Totals	**5**	**2,113**	**6,948,853**	**330,381**	**25,142,089**	**50,128,859**
Grand Total, Metropolitan Hamilton	**650**	**62,084**	**181,760,616**	**20,922,630**	**405,198,540**	**782,021,632**

1. Includes: Sausage and sausage casings, 1; butter and cheese, 2; flour mills, 1; distilled liquors, 1; wines, 1; macaroni and kindred products, 1.
2. Includes: Footwear, 3; belting, 2; miscellaneous leather products, 3.
3. Includes: Cotton thread, 1; woollen yarn, 1; miscellaneous woollen goods, 2; dyeing and finishing of textiles, 1; narrow fabrics, 1; carpets, mats and rugs, 1; cordage, rope and twine, 1; bags, cotton and jute, 1; embroideries, pleating, hemstitching, etc., 1; miscellaneous textiles, 1.
4. Includes: Corsets, 1; hats and caps, 2.
5. Includes: Hardwood flooring, 1; sawmills, 2; coffins and caskets, 2; woodturning, 1; cooperage, 1.
6. Includes: Roofing paper, 2; miscellaneous paper goods, 8.
7. Includes: Trade composition, 2; lithographing, 2; printing and publishing, 5.
8. Includes: Agricultural implements, 2; bridge building and structural steel, 1.
9. Includes: Boatbuilding, 3; motor vehicles, 1; motor vehicle parts, 1; railway rolling stock, 3.
10. Includes: Aluminum products, 4; miscellaneous non-ferrous metal products, 2; white metal alloys, 2.
11. Includes: Batteries, 2; heavy electrical machinery, 2; miscellaneous electrical apparatus and supplies, 9; radios and radio parts, 5; refrigerators, vacuum cleaners and appliances, 6.
12. Includes: Abrasive products, 3; asbestos products, 2; glass and glass products, 6.
13. Includes: Coke and gas products, 4; lubricating oils and greases, 2.
14. Includes: Acids, alkalies and salts, 1; fertilizers, 1; medicinal and pharmaceutical preparations, 2; paints, varnishes and lacquers, 2; soaps, washing compounds and cleaning preparations, 8; vegetable oils, 1; coal tar distillation, 1; gases, compressed, 2.
15. Includes: Other miscellaneous industries, 1; signs, electric, neon and other, 1; stamps and stencils, rubber and metal, 2; statuary, art goods and novelties, 2.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1951 — Continued

WINDSOR METROPOLITAN AREA

Industry	Establishments	Employees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	$	$	$	$
Foods and Beverages:						
Aerated waters	6	104	249,882	28,576	529,467	1,271,836
Bread and other bakery products	21	544	1,175,999	108,711	1,693,088	3,666,489
Breweries	3	278	881,811	69,828	1,422,595	4,164,779
Butter and cheese	4	404	1,229,465	134,543	2,794,313	4,915,010
Fruit and vegetable preparations	5	281	437,857	22,063	1,016,587	1,968,709
Miscellaneous food preparations	5	40	59,576	20,877	212,388	369,171
Prepared stock and poultry feeds	3	41	90,860	10,891	423,815	711,951
Slaughtering and meatpacking	3	141	367,246	36,332	4,338,992	4,852,314
All other industries[1]	7	947	2,794,160	304,239	10,930,849	31,409,246
Totals	**57**	**2,780**	**7,286,856**	**736,060**	**23,362,094**	**53,329,505**
Textile Products (Except Clothing)[2]:						
Totals	**7**	**861**	**2,342,158**	**68,648**	**4,641,090**	**8,636,953**
Clothing (Textile and Fur)[3]:						
Totals	**6**	**197**	**379,040**	**7,216**	**848,771**	**1,492,888**
Wood Products:						
Furniture	13	93	254,470	11,683	710,213	1,144,549
Miscellaneous wood products	4	6	7,523	710	16,130	30,963
Sash, door and planing mills	11	87	200,732	14,568	237,512	553,180
All other industries[4]	5	156	292,340	9,379	760,756	1,356,586
Totals	**33**	**342**	**755,065**	**36,340**	**1,724,611**	**3,085,278**
Printing, Publishing and Allied Industries:						
Printing and bookbinding	26	242	675,136	18,503	541,162	1,647,710
Publishing (only) of periodicals	7	10	10,821	—	37,065	52,427
All other industries	5	415	1,460,328	27,593	1,217,576	4,087,719
Totals	**38**	**667**	**2,146,285**	**46,096**	**1,795,803**	**5,787,856**
Iron and Steel Products:						
Hardware, tools and cutlery	17	604	2,226,384	61,982	1,767,350	5,843,797
Iron castings	7	1,060	3,421,574	290,629	3,340,851	8,808,338
Machine shops	4	81	234,111	8,730	116,087	515,950
Machinery, industrial	10	519	1,627,882	31,538	1,358,015	6,429,953
Miscellaneous iron and steel products	10	668	2,723,527	341,241	6,192,250	11,943,607
Sheet metal products	6	425	1,409,902	47,781	3,261,754	6,030,866
Wire and wire goods	3	577	2,038,087	123,757	3,373,801	7,369,411
All other industries[5]	8	1,538	5,254,755	152,941	6,059,629	17,435,111
Totals	**65**	**5,472**	**18,936,222**	**1,058,599**	**25,469,737**	**64,377,033**
Transportation Equipment[6]:						
Totals	**26**	**22,311**	**73,567,032**	**1,880,334**	**284,424,676**	**457,001,290**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1951 — Continued

WINDSOR METROPOLITAN AREA — Concluded

Industry	Establishments	Employees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	$	$	$	$
Non-ferrous Metal Products:						
Brass and copper products	5	142	424,955	12,617	667,173	1,732,916
Jewellery and silverware	3	37	107,720	770	102,728	283,578
All other industries[7]	4	19	40,120	3,311	523,458	616,391
Totals	**12**	**198**	**572,795**	**16,698**	**1,293,359**	**2,632,885**
Electrical Apparatus and Supplies:						
Totals	**3**	**110**	**274,905**	**17,662**	**796,601**	**1,472,061**
Non-metallic Mineral Products:						
Cement products	7	205	459,597	126,223	1,040,179	2,500,283
Glass and glass products	5	106	322,575	43,559	560,775	1,590,030
All other industries	5	247	656,216	365,259	748,455	3,072,943
Totals	**17**	**558**	**1,438,388**	**535,041**	**2,349,409**	**7,163,256**
Chemicals and Allied Products:						
Medicinal and pharmaceutical preparations	10	946	2,806,578	65,882	5,065,143	16,515,984
Miscellaneous chemical products	6	33	95,413	11,932	352,283	982,186
Paints, varnishes and lacquers	4	157	436,361	28,340	1,354,353	2,322,992
Soaps, washing compounds and cleaning preparations	6					
Vegetable oils	4	403	1,280,377	1,026,660	400,677	4,802,568
All other industries	2					
Totals	**32**	**1,539**	**4,618,729**	**1,132,814**	**7,172,456**	**24,623,730**
Miscellaneous Manufacturing Industries:						
Ice, artificial	3	81	227,196	31,272	8,839	411,841
Patterns and models	4	33	120,409	2,115	22,057	183,255
Sporting goods	5	26	55,317	1,672	131,241	251,097
Statuary, art goods and novelties	3	12	11,932	125	6,401	20,683
All other industries[8]	9	226	556,008	18,583	720,472	1,834,033
Totals	**24**	**378**	**970,862**	**53,767**	**889,010**	**2,700,909**
All other Major Groups[9]:						
Totals	**4**	**198**	**528,898**	**12,008**	**2,164,438**	**3,336,020**
Grand Totals, Metropolitan Windsor	**324**	**35,611**	**113,817,235**	**5,601,283**	**356,932,055**	**635,639,664**

1. Includes: sausage and sausage casings, 2; other dairy products, 1; feed mills, 1; breakfast foods, 1; distilled liquors, 1; confectionery, 1.
2. Includes: miscellaneous cotton goods, 1; awnings, tents and sails, 1; bags, cotton and jute, 1; automobile, accessories, fabric, 2; miscellaneous textiles, 2.
3. Includes: clothing, children's, 1; clothing, men's factory, 1; fur goods, 3; miscellaneous clothing, 1.
4. Includes: boxes and baskets, wood, 2; coffins and caskets, 1; woodturning, 2.
5. Includes: agricultural implements, 1; bridge building and structural steel, 2; heating and cooking apparatus, 1; machinery, household, office and store, 2; machine tools, 1; primary iron and steel, 1;
6. Includes: motor vehicles, 3; motor vehiclesparts, 23.
7. Includes: aluminium products, 3; white metal alloys, 1.
8. Includes: plastic products, 1; musical instruments, 1; scientific and professional equipment, 1; toys and games, 1; buttons, buckles and fasteners, 1; artificial flowers and feathers, 1; pipes, lighters and smokers' supplies, 1; signs, electric, neon and other, 1; stamps and stencils, rubber and metal, 1.
9. Includes: Rubber Products, 2; Paper Products — boxes and bags, 1; miscellaneous paper goods, 1.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1951 — Continued

WINNIPEG METROPOLITAN AREA

Industry	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Foods and Beverages:						
Aerated waters	11	289	655,666	95,702	1,568,050	4,564,450
Bread and other bakery products	52	1,120	2,714,811	302,087	4,879,155	9,887,627
Breweries	6	566	1,778,879	153,859	1,996,514	9,243,149
Butter and cheese	10	1,050	2,661,145	221,260	7,896,939	12,939,990
Confectionery	12	309	504,721	27,331	1,305,924	2,557,176
Feed mills	5	50	128,721	7,280	425,146	485,129
Flour mills	3	497	1,111,681	142,133	23,895,025	27,157,722
Fruit and vegetable preparations	8	209	392,879	29,103	1,637,070	2,271,280
Macaroni and kindred products	3	48	116,972	11,201	391,598	741,031
Miscellaneous food preparations	22	630	1,580,005	362,095	16,005,248	20,888,471
Prepared stock and poultry feeds	18	201	466,020	57,730	5,330,317	6,493,343
Sausage and sausage casings	6	102	244,539	21,471	1,796,767	2,173,237
Slaughtering and meatpacking	13	2,593	8,054,781	442,181	95,942,228	113,181,671
All other industries[1]	9	623	1,586,002	277,765	6,155,954	12,006,873
Totals	**178**	**8,287**	**21,996,822**	**2,151,198**	**169,225,935**	**224,591,149**
Leather Products:						
Footwear	6	257	419,807	8,243	1,416,294	2,134,815
Gloves and mittens	10	245	414,083	5,199	904,852	1,612,063
Miscellaneous leather products[2]	13	214	367,495	19,358	1,414,169	2,052,823
Totals	**29**	**716**	**1,201,385**	**32,800**	**3,735,315**	**5,799,701**
Textile Products (Except Clothing):						
Awnings, tents and sails	5	42	78,561	3,768	214,105	339,324
Bags, cotton and jute	4	206	444,065	19,437	7,467,042	8,180,784
Miscellaneous textiles	7	72	146,469	3,138	463,929	705,410
All other industries[3]	6	482	894,165	26,828	524,343	2,295,986
Totals	**22**	**802**	**1,563,260**	**53,171**	**8,669,419**	**11,521,504**
Clothing (Textile and Fur):						
Clothing, children's	6	257	439,239	6,624	918,589	1,771,322
Clothing, men's factory	37	2,294	4,187,213	59,554	9,641,154	17,147,012
Clothing, women's factory	32	1,764	3,359,108	38,569	6,444,104	11,414,005
Fur dressing and dyeing	5	203	479,419	12,175	125,081	727,829
Fur goods	60	727	1,650,117	25,358	3,955,205	6,235,843
Hats and caps	12	314	526,079	6,941	690,759	1,625,378
Knitted goods	5	185	334,592	7,744	839,773	1,384,496
All other industries[4]	5	118	151,405	3,069	38,709	273,439
Totals	**162**	**5,862**	**11,127,172**	**160,034**	**22,653,374**	**40,579,324**
Wood Products:						
Boxes and baskets, wood	3	168	327,608	16,863	534,703	1,014,406
Furniture	81	1,347	3,136,673	102,261	6,250,148	11,273,713
Miscellaneous wood products	11	123	254,939	28,301	1,405,205	1,905,683
Sash, door and planing mills	18	539	1,264,933	38,102	2,251,164	4,081,062
All other industries[5]	3	74	174,602	8,022	355,236	646,428
Totals	**116**	**2,251**	**5,158,755**	**193,549**	**10,796,456**	**18,921,292**
Paper Products:						
Boxes and bags, paper	8	579	1,522,357	46,336	5,096,229	8,618,299
Miscellaneous paper goods[6]	8	230	515,140	90,649	1,304,458	3,335,290
Roofing paper	4	155	387,092	46,201	1,810,073	3,834,987
Totals	**20**	**964**	**2,424,589**	**183,186**	**8,210,760**	**15,788,576**
Printing, Publishing and Allied Industries:						
Engraving, electrotyping and stereotyping	6	205	665,619	12,393	137,980	1,062,281
Printing and bookbinding[7]	72	1,683	3,913,816	81,346	3,328,822	9,893,570
Printing and publishing	25	1,310	3,324,103	89,662	3,093,104	9,867,473
Publishing (only) of periodicals	101	170	316,392	—	988,018	1,739,835
Trade composition	3	11	24,110	670	10,525	42,978
Totals	**207**	**3,379**	**8,244,040**	**184,071**	**7,558,449**	**22,606,137**
Iron and Steel Products:						
Agricultural implements	12	427	1,138,010	55,891	1,768,831	4,065,292
Hardware, tools and cutlery	4	15	26,620	1,924	29,038	75,160
Heating and cooking apparatus	4	108	310,971	9,884	1,063,341	1,623,377
Iron castings	7	717	2,012,382	92,461	1,626,617	4,607,931
Machine shops	22	208	502,959	19,395	206,585	1,118,698
Machinery, industrial	10	363	958,796	34,556	951,641	2,638,191
Miscellaneous iron and steel products	8	553	1,598,646	77,764	1,708,528	4,202,259
Sheet metal products	17	873	2,147,161	79,600	3,715,333	7,766,172
All other industries	7	596	1,808,815	124,078	2,664,718	9,525,861
Totals	**91**	**3,860**	**10,504,360**	**495,553**	**13,734,632**	**35,622,941**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1951 — Continued

WINNIPEG METROPOLITAN AREA — Concluded

Industry	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of products
	No.	No.	$	$	$	$
Transportation Equipment:						
Boatbuilding	3	9	13,975	1,179	24,658	50,347
Motor vehicle parts	7	155	295,874	14,183	345,374	781,897
Railway rolling stock	4	6,065	16,696,467	573,091	18,188,726	35,949,321
All other industries[8]	4	958	2,232,968	127,514	2,080,112	5,382,920
Totals	**18**	**7,187**	**19,239,284**	**715,967**	**20,638,870**	**42,164,485**
Non-ferrous Metal Products:						
Aluminum products	3	11	19,685	275	45,713	70,459
Brass and copper products	5	160	418,994	45,587	1,877,204	2,945,374
Jewellery and silverware	3	47	93,709	1,627	145,962	295,129
Miscellaneous non-ferrous metal products[9]	6	64	137,637	19,192	1,530,740	1,872,598
Totals	**17**	**282**	**670,025**	**66,681**	**3,599,619**	**5,183,560**
Electrical Apparatus and Supplies:						
Miscellaneous electrical apparatus and supplies	8	147	347,069	17,725	957,114	1,661,624
Refrigerators, vacuum cleaners and appliances	5	113	195,557	5,165	270,675	927,812
All other industries[10]	4	401	900,240	44,109	2,603,047	4,708,306
Totals	**17**	**661**	**1,442,866**	**66,999**	**3,830,836**	**7,297,742**
Non-metallic Mineral Products:						
Cement products	5	101	203,761	24,166	296,731	874,894
Glass and glass products	4	38	98,695	2,690	77,062	249,537
Miscellaneous non-metallic mineral products	3	31	108,663	9,175	120,116	326,390
Stone products	4	27	62,405	4,963	52,405	134,900
All other industries[11]	7	416	1,178,342	1,169,565	2,572,921	8,417,181
Totals	**23**	**613**	**1,651,866**	**1,210,559**	**3,119,235**	**10,002,902**
Products of Petroleum and Coal[12]:						
Totals	**5**	**460**	**1,334,806**	**905,346**	**15,427,726**	**17,881,110**
Chemicals and Allied Products:						
Glass, compressed	3	81	217,428	22,187	144,472	918,065
Medicinal and pharmaceutical preparations	9	159	333,207	10,887	709,424	1,709,010
Miscellaneous chemical products	7	80	174,238	5,189	710,620	1,479,860
Paints, varnishes and lacquers	5	223	510,489	33,228	2,697,430	4,562,752
Soaps and cleaning preparations	6	28	56,654	6,619	159,319	252,199
Toilet preparations	3	23	33,577	853	47,255	108,685
All other industries[13]	7	61	124,836	25,440	958,831	1,337,818
Totals	**40**	**655**	**1,450,429**	**104,403**	**5,427,351**	**10,368,389**
Miscellaneous Manufacturing Industries:						
Brooms, brushes and mops	5	91	189,685	4,471	386,382	649,321
Lamps, electric and lamp shades	3	16	23,108	1,400	81,546	136,253
Plastic products	3	11	17,466	448	99,388	158,389
Scientific and professional equipment	9	72	154,198	7,203	112,419	350,503
Signs, electric, neon and other	6	147	356,714	44,616	182,930	1,078,955
Stamps and stencils, rubber and metal	5	16	39,999	484	17,316	73,169
Statuary, art goods and novelties	8	135	189,971	4,856	93,960	413,797
All other industries[14]	8	111	256,798	17,186	116,754	639,516
Totals	**47**	**599**	**1,227,939**	**80,664**	**1,090,695**	**3,499,903**
Grand Totals, Metropoliton Winnipeg	**992**	**36,578**	**89,237,598**	**6,604,181**	**297,718,672**	**471,828,715**

1. Includes: Animal oils and fats, 2; processed cheese, 2; breakfast foods, 2; biscuits, 2; sugar refining, 1.
2. Also: Leather tanneries, 1.
3. Includes: Automobile accessories, fabric, 2; embroideries, hemstitching, etc., 2; carpets, mats and rugs, 1; woolen cloth, 1.
4. Includes: Clothing contractors, men's, 1; clothing contractors, women's, 2; miscellaneous clothing, 2.
5. Includes: Coffins and caskets, 1; excelsior, 1; cooperage, 1.
6. Also: Pulp and paper, 1.
7. Also: Lithographing, 2.
8. Includes: Aircraft and parts, 2; motor vehicles, 2;
9. Also: White metal alloys, 2.
10. Includes: Batteries, 2; heavy electrical machinery, 2.
11. Includes: Cement, Portland, 1; clay products from domestic clay, 1; sand-lime brick, 1; lime, 2; gypsum products, 2.
12. Includes: Coke and gas products, 1; petroleum refining and products, 4.
13. Includes: Vegetable oils, 2; inks, writing and printing, 2; coal tar distillation, 2; adhesives, 1.
14. Includes: Clocks, watches and watch cases, 2; sporting goods, 1; toys and games, 1; artificial flowers and feathers, 1; patterns and models, 1; ice, artificial, 1. Also: rubber products, 1.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1951 — Continued

VANCOUVER METROPOLITAN AREA

Industry	Establishments	Employees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	$	$	$	$
Foods and Beverages:						
Aerated waters	8	210	482,144	81,153	975,289	3,201,924
Biscuits	4	147	341,750	28,447	799,378	1,688,133
Bread and other bakery products	125	1,612	4,109,197	357,746	6,925,399	14,001,318
Breakfast foods	3	13	22,170	1,010	69,702	92,421
Breweries	3	442	1,279,804	123,772	1,892,461	8,644,533
Butter and cheese	11	1,316	3,594,524	402,695	9,490,578	15,000,036
Confectionery	23	255	466,364	27,581	776,630	1,627,551
Fish processing	27	2,114	5,677,332	464,739	27,303,086	42,914,171
Fruit and vegetable preparations	20	1,025	1,995,721	109,362	9,491,290	13,847,803
Macaroni and kindred products	3	31	49,338	9,410	77,048	150,303
Miscellaneous food preparations	41	757	1,540,134	115,457	30,061,692	36,426,083
Other dairy products	6	110	243,808	50,292	1,023,671	1,611,664
Prepared stock and poultry feeds	10	436	1,069,534	89,334	8,357,375	10,597,583
Sausages and sausage casings	6	81	232,060	18,937	1,415,321	1,807,315
Slaughtering and meatpacking	10	1,368	4,260,302	283,778	52,810,608	59,072,992
All other industries[1,2]	8	1,362	3,701,582	488,073	19,074,299	30,585,229
Totals	**308**	**11,279**	**29,065,764**	**2,631,786**	**170,543,827**	**241,269,059**
Rubber Products:						
Totals	**4**	**35**	**85,959**	**7,619**	**28,427**	**167,272**
Leather Products:						
Footwear	9	234	473,481	16,373	1,101,492	1,879,156
Gloves and mittens	4	82	160,527	1,670	297,305	506,802
Miscellaneous leather products[3]	10	158	309,659	15,639	676,729	1,324,803
Totals	**23**	**474**	**943,667**	**33,682**	**2,075,526**	**3,710,761**
Textile Products (Except Clothing):						
Awnings, tents and sails	6	148	304,125	15,343	614,630	1,062,865
Miscellaneous textiles	4	34	57,081	6,407	188,263	315,121
Oilcloth, linoleum and other coated fabrics	3	15	36,795	3,839	106,774	165,840
Woollen cloth	3	197	426,606	35,524	1,225,095	1,723,817
All other industries[4]	9	182	475,015	23,228	2,368,472	3,340,860
Totals	**25**	**576**	**1,299,622**	**84,341**	**4,503,234**	**6,608,503**
Clothing (Textile and Fur):						
Clothing, men's factory	17	514	861,235	17,245	1,939,345	3,570,926
Clothing, women's factory	24	628	1,223,741	16,376	1,884,844	3,794,410
Fur goods	21	125	240,063	5,883	281,030	619,585
All other industries[5]	7	270	460,520	9,017	817,351	1,621,722
Totals	**69**	**1,537**	**2,785,559**	**48,521**	**4,922,570**	**9,606,643**
Wood Products:						
Boxes and baskets, wood	10	59	120,786	3,869	175,360	371,086
Coffins and caskets	6	70	149,197	6,901	467,503	820,116
Furniture	124	1,716	4,163,701	147,136	6,191,867	13,085,372
Miscellaneous wood products	31	479	1,465,179	118,976	5,305,014	8,981,348
Plywoods and veneers	10	2,855	8,277,036	216,171	16,221,017	37,272,200
Sash, door and planing mills	63	1,053	2,784,458	113,378	5,963,718	10,459,281
Sawmills	133	11,348	35,551,167	1,208,617	84,906,215	158,160,807
Woodenware	4	86	170,075	6,606	195,289	421,202
Woodturning	3	79	211,879	6,920	368,879	654,756
All other industries[6]	4	72	214,648	7,118	409,129	678,785
Totals	**388**	**17,817**	**53,108,126**	**1,835,692**	**120,203,991**	**230,904,953**
Paper Products:						
Boxes and bags, paper	11	666	1,722,678	60,767	7,176,978	11,513,096
Miscellaneous paper goods	12	600	1,509,401	42,610	7,088,585	10,582,333
All other industries	5	457	2,012,654	264,381	3,559,765	6,123,569
Totals	**28**	**1,723**	**5,244,733**	**367,758**	**17,825,328**	**28,218,998**
Printing, Publishing and Allied Industries:						
Engraving, electrotyping and stereotyping	8	162	592,073	12,516	189,640	961,228
Lithographing	9	277	853,609	18,015	769,437	2,007,996
Printing and bookbinding	93	962	2,537,597	65,409	1,845,710	5,529,849
Printing and publishing	20	1,720	5,174,902	84,297	3,723,320	13,287,886
Publishing (only) of periodicals	116	460	519,003	—	1,070,565	2,539,717
Trade composition	3	29	75,693	2,326	9,497	101,129
Totals	**249**	**3,610**	**9,752,877**	**182,563**	**7,608,169**	**24,427,805**
Iron and Steel Products:						
Boilers and plate work	8	262	973,594	42,741	1,325,511	2,845,832
Hardware, tools and cutlery	11	337	942,242	59,522	1,174,400	2,923,372
Heating and cooking apparatus	13	255	651,628	24,336	542,256	1,534,131
Iron castings	13	434	1,249,786	88,102	953,061	2,747,547
Machine shops	40	446	1,330,059	40,337	995,448	3,229,750
Machinery, industrial	39	2,117	6,506,749	218,682	6,320,153	17,822,498
Miscellaneous iron and steel products	26	268	829,937	67,840	1,522,245	3,073,367
Primary iron and steel	6	560	1,774,145	285,532	3,790,606	7,207,399
Sheet metal products	24	853	2,584,178	123,430	9,380,535	14,663,140
Wire and wire goods	11	404	1,137,782	42,951	3,816,308	6,666,648
All other industries[7]	6	971	3,220,620	127,786	7,360,077	15,688,715
Totals	**197**	**6,907**	**21,200,720**	**1,121,259**	**37,180,600**	**78,402,399**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1951 — Concluded

VANCOUVER METROPOLITAN AREA — Concluded

Industry	Establishments	Employees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	$	$	$	$
Transportation Equipment:						
Boatbuilding	29	190	490,693	8,906	412,022	1,078,244
Motor vehicle parts	14	275	790,526	30,152	1,473,960	3,160,056
Shipbuilding	18	2,145	6,980,951	199,594	3,697,703	13,458,617
All other industries	4	315	891,097	51,024	1,130,477	2,407,596
Totals	**65**	**2,925**	**9,153,267**	**289,676**	**6,714,162**	**20,104,513**
Non-ferrous Metal Products:						
Aluminum products	4	82	221,551	9,087	151,082	484,192
Brass and copper products	14	180	573,154	24,042	562,545	1,418,596
Jewellery and silverware	9	111	260,429	2,526	205,932	577,754
White metal alloys	4	72	184,160	18,020	1,399,647	1,891,417
Totals	**31**	**445**	**1,239,294**	**53,675**	**2,319,206**	**4,371,959**
Electrical Apparatus and Supplies:						
Batteries	5	43	100,946	8,822	389,963	619,702
Miscellaneous electrical apparatus and supplies	8	139	340,927	13,450	912,241	1,511,896
Radios and radio parts	7	99	281,270	5,824	334,930	800,072
All other industries	4	208	705,328	11,592	1,142,669	2,420,079
Totals	**24**	**489**	**1,428,471**	**39,688**	**2,779,803**	**5,351,749**
Non-metallic Mineral Products:						
Cement products	14	333	924,911	58,832	1,297,016	2,613,653
Glass and glass products	9	90	223,861	12,508	178,102	373,356
Miscellaneous non-metallic mineral products	4	40	99,332	7,436	107,881	257,143
Stone products	6	95	251,181	16,689	252,451	668,357
All other industries[8]	4	55	159,046	19,768	52,077	241,802
Totals	**37**	**613**	**1,658,331**	**115,233**	**1,887,527**	**4,154,311**
Products of Petroleum and Coal[9]:						
Totals	**7**	**819**	**2,731,873**	**1,351,065**	**29,957,089**	**46,036,937**
Chemical and Allied Products:						
Fertilizers	3	25	70,911	3,961	336,134	534,717
Gases, compressed	3	89	244,626	30,744	192,926	1,288,610
Medicinal and pharmaceutical preparations	4	24	60,159	1,333	113,695	270,839
Miscellaneous chemical products	12	63	146,229	2,737	355,126	689,958
Paints, varnishes and lacquers	10	203	589,007	29,495	2,044,104	3,711,144
Polishes and dressings	3	6	6,969	1,325	5,818	20,017
Soaps, washing compounds and cleaning preparations	12	79	163,754	5,378	273,917	861,469
Toilet preparations	5	10	8,460	1,610	12,044	37,325
All other industries[10]	10	146	424,289	74,053	8,661,431	10,246,232
Totals	**62**	**645**	**1,714,414**	**150,636**	**11,995,195**	**17,660,311**
Miscellaneous Manufacturing Industries:						
Brooms, brushes and mops	4	105	222,786	4,539	315,983	673,708
Ice, artificial	6	108	293,945	63,792	12,904	674,149
Lamps, electric, and lamp shades	3	97	167,198	12,218	183,404	413,034
Patterns and models	5	32	102,932	1,089	27,801	153,731
Plastic products	6	45	83,639	2,219	117,539	259,751
Scientific and professional equipment	5	11	22,429	594	16,140	49,189
Signs, electric, neon and other	8	300	986,336	20,438	712,851	3,162,274
Sporting goods	8	78	141,262	4,411	165,186	388,964
Stamps and stencil, rubber and metal	7	61	152,929	4,536	68,982	346,276
Statuary, art goods and novelties	9	44	64,333	1,533	33,785	126,190
Umbrellas	3	19	31,892	879	96,563	180,579
All other industries[11]	4	15	24,504	1,028	17,761	69,228
Totals	**68**	**915**	**2,294,185**	**117,276**	**1,768,899**	**6,497,073**
Grand Totals Metropolitan Vancouver	**1,585**	**50,809**	**143,706,862**	**8,450,470**	**422,313,553**	**727,493,246**

1. Includes: animal oils and fats, 2; flour mills, 1; distilled liquors, 2; wines, 1; sugar refining, 1.
2. Also Tobacco and Tobacco Products Group, 1.
3. Includes: leather tanneries, 2.
4. Includes: cotton yarn and cloth, 1; miscellaneous cotton goods, 1; miscellaneous woollen goods, 2; cordage, rope and twine, 1; bags, cotton and jute, 2; embroideries, pleating, hemstitching, etc., 2.
5. Includes: hosiery, 2; knitted goods, 2; hats and caps, 1; gloves and mittens, fabric, 1; miscellaneous clothing, 1.
6. Includes: hardwood flooring, 1; beekeepers' and poultrymen's supplies, 1; cooperage, 2.
7. Includes: agricultural implements, 2; bridge building and structural steel, 2; machinery, household, office and store, 2.
8. Includes: heavy electrical machinery, 2; refrigerators, vacuum cleaners and appliances, 2.
9. Includes: coke and gas products, 1; petroleum refining and products, 6.
10. Includes: acids, alkalies and salts, 1; vegetable oils, 1; primary plastics, 2; inks, writing and printing, 2; coal tar distillation, 1; adhesives, 3.
11. Includes: musical instruments, 1; fountain pens and pencils, 1; hair goods, 2.

APPENDIX II

Alphabetical List of the Products Reported as having been Manufactured in Canada in 1951

The appended list of the products of Canadian manufacturing industries presents the value and in most cases the quantity of the individual products in a much more detailed form. Prior to 1927, in presenting statistics of manufacturing production, the whole production of an establishment was taken as a unit. This not only prevented the presentation of production figures for specific products in detail, but also involved numerous inaccuracies in the production statistics of classes of commodities, owing to the fact that commodities which may be the major line of production in one establishment may also be products of secondary importance in another establishment where the major line of production puts the establishment into a different class. The statistics which follow, however, have been compiled by taking from the individual returns of each of the 37,021 manufacturing establishments covered, the value and, when given, the quantity of each commodity specified as produced by the establishment. In this way, detailed production figures are obtained for specific commodities and, furthermore, the total production of each commodity is brought together, no matter how varied may be the operations in different establishments producing it. Nevertheless it should be pointed out to those making use of these figures that there is one element of incompleteness about them. In the returns of many manufacturers, products of minor importance are grouped under the name "all other products". As will be seen from the group at the end of the list, the value of products not specified, while they may appear unimportant to the individual manufacturer, are, in the aggregate, a large amount, especially in the industries of two of the larger groups. It is obvious that one manufacturer may consider a product of insufficient importance to report separately for his establishment, while that same product may be reported separately by other establishments. In other words, included in the value of other products not specified at the end of the list, there are doubtless values which, had the products been specified by the manufacturer, would have been included in the values of commodities appearing on the list. However, the products not specified total only about 1.5 per cent in value of the whole manufacturing production, although in the iron and steel group this proportion is 4.1 per cent and in transportation equipment 3.5 per cent. With the exception of these groups, therefore, the incompleteness of the figures on this account is insignificant.

There is no duplication in the listing of products, nor do any of the items, include products listed in more detail under another name. It is possible, however, that essentially the same commodity produced in different establishments may have been called by different names; in such a case, which is probably a very rare one, the items would appear separately in the following list.

Alphabetical list of products manufactured in Canada, 1951

Items	Unit of measure	Quantity	Value
			$
Abrasive cloth	–	–	1
Abrasive paper	–	–	1
Abrasive wheels and segments	–	–	5,655,676
Absorbent cotton	–	–	1
Accelerators, synthetic	–	–	1
Acetaldehyde	–	–	1
Acetic anhydride	–	–	1
Acetone	–	–	1
Acetylene in cylinders or pipe line	cu. ft.	286,225,712	5,128,120
Acid, acetic, glacial, 99½%	–	–	1
Acid, calcium phosphate	–	–	1
Acid, cresylic	–	–	1
Acid, fatty, cocoanut, tallow, etc.	lb.	6,537,327	1,071,274
Acid, hydrochloric (muriatic)	–	–	1
Acid, monochloro acetic	–	–	1
Acid, nitric	–	–	1
Acid, phosphoric	–	–	1
Acid, stearic	–	–	1
Acid, sulphuric	lb.	1,489,328,994	7,823,071
Acids, not specified	–	–	39,907
Adhesives, n.e.s.	–	–	1,078,731
Advertising matter, printed, n.e.s.	–	–	34,978,343
Advertising novelties and displays (See "Displays" and "Novelties")			
Agitators, mining and metallurgical	–	–	66,534
Agricultural implements and parts, n.e.s.	–	–	15,973,280
Air conditioning equipment, n.e.s.	–	–	5,937,186
Aircraft and parts:			
Aircraft completed during the year	–	–	34,701,964
Aircraft being built but not completed	–	–	39,109,841
Aircraft repairs (value of work done)	–	–	14,974,438
Aircraft parts manufactured	–	–	19,162,911
Value of work done on developing aircraft and engines, including other products, n.e.s.	–	–	20,530,595
Value of work done in 1950 on aircraft completed in 1951	–	–	12,833,383
Albumen, (included in "Egg substitute")			
Alcohol, butyl	–	–	1
Alcohol, industrial, produced	pf. gal.	7,252,410	2,853,435
Alcohol, industrial, (sold)			
Denatured:			
Antifreeze	st. gal.	932,266	1,298,890
Perfume manufacturing	" "	203,158	256,659
Rubbing alcohol	" "	119,456	155,025
Solvents and cleaning fluids	" "	1,638,801	1,968,156
Other, including that for hospitals, research, etc.	" "	314,865	422,319
Not denatured	pf. gal.	4,331,500	2,955,204
Alcohol, polyvinyl	–	–	1
Alkylate	–	–	1
Alkylation feed stocks	imp. gal.	3,508,566	371,609
Alloys, cutting	–	–	1
Alloy, die casting	lb.	16,462,162	3,766,654
Almond paste	"	87,060	32,542
Alumina, fused (crude)	ton	195,374	20,835,165
Alumina, fused (abrasive grains)	–	–	1
Alumina, hydrate	–	–	1
Aluminum bars, rods and ingots	–	–	1
Aluminum fluoride	–	–	1
Aluminum sulphate	–	–	1
Aluminum products, not elsewhere specified	–	–	10,748,387
Ammonia, anhydrous	–	–	1
Ammonia, aqua	–	–	1
Ammonia, powder	lb.	2,384,860	170,110
Ammonium chloride	–	–	1
Ammonium hydroxide	–	–	1
Ammonium nitrate	–	–	1
Ammonium phosphate	–	–	1
Ammonium sulphate	ton	209,527	8,984,551
Ammunition (See "Munitions and war supplies")			
Amyl acetate	–	–	1
Anti-freeze preparations, glycol type	gal.	3,076,856	8,754,170
Anti-freeze, alcohol type (See "Alcohol, industrial, denatured, sold")			
Apple butter	lb.	66,531	6,460
Apple juice (Included in "Fruit Juices")			
Apple juice concentrate	–	–	1
Apple pomace, chop and waste	lb.	3,895,906	113,858
Apples, evaporated and dehydrated	"	1,507,484	318,892
Aprons, oiled and rubberized	doz.	6,145	141,237
Aprons, fabric:			
Children's	"	5,556	29,748
Men's and youths'	"	16,651	176,813
Women's and misses'	"	111,859	731,892
Not specified	"	7,369	104,138
Aprons, plastic	"	161,263	589,253
Archery tackle	–	–	42,551
Armlets and sleeve supporters	doz.	19,272	31,697
Artists' supplies	–	–	203,870
Artware, pottery (See also "Pottery")	–	–	188,289
Art needlework	–	–	188,596
Art work (printing)	–	–	2,870,252
Asbestos products, including clutch facings	–	–	7,977,577
Asphalt	imp. gal.	172,037,953	21,217,879

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical list of products manufactured in Canada, 1951 — Continued

Item	Unit of measure	Quantity	Value
			$
Asphalt emulsion	gal.	12,159,226	1,805,324
Asphalt products, n.e.s.	—	—	1,001,075
Atomizers	—	—	1
Automobiles, commercial:			
5,000 lbs. or less:			
For sale in Canada	No.	50,065	63,902,845
For export	"	11,849	10,509,812
5,001 to 10,000 lbs.:			
For sale in Canada	"	23,125	34,400,716
For export	"	2,124	2,347,530
10,001 to 14,000 lbs.:			
For sale in Canada	"	6,123	11,711,985
For export	"	6,339	7,551,976
14,001 to 16,000 lbs.:			
For sale in Canada	"	13,137	26,415,747
For export	"	6,802	8,616,667
16,001 to 19,500:			
For sale in Canada	"	9,403	21,884,871
For export	"	10	30,439
19,501 to 26,000 lbs.:			
For sale in Canada	"	2,360	9,756,459
For export	"	34	184,452
Over 26,000 lbs.:			
For sale in Canada	"	649	5,006,221
For export	"	1	10,495
Automobiles, passenger:			
Convertible cars:			
Coupe, roadster:			
For sale in Canada	"	2,811	5,712,364
For export	"	14	30,259
Permanent closed cars:			
Coupe:			
For sale in Canada	"	21,677	38,173,759
For export	"	874	1,225,238
2 Door sedan:			
For sale in Canada	"	57,410	82,991,110
For export	"	711	950,806
4 Door sedan:			
For sale in Canada	"	158,473	266,068,240
For export	"	22,637	26,471,876
Other, closed:			
For sale in Canada	"	2,782	6,607,479
For export	"	379	624,314
Chassis (sold without bodies):			
For sale in Canada	"	2	2,260
For export	"	14,944	9,755,827
Buses or coaches:			
Complete:			
For sale in Canada	"	637	10,424,989
Chassis only	"	61	139,738
Automobiles, not specified	"	4	31,155
Automobile, bus and truck bodies and cabs	—	—	13,617,321
Automobile cloth	sq. yd.	2,492,377	5,317,426
Automobile headlights and parts	—	—	3,843,111
Automobile parts and accessories (not specified)	—	—	173,644,427
Awnings, aluminum	—	—	780,235
Awnings and verandah curtains, fabric	—	—	1,730,214
Axes and hatchets	No.	551,541	1,030,728
Axles and shafts, automobile	—	—	10,817,332
Axles (not specified)	—	—	3,556,955
Babies' high chair sets, commodes and other baby supplies	—	—	526,719
Babbitt metal	lb.	4,061,472	2,287,717
Badges (Included under "Regalia")			
Bags:			
Cotton	No.	51,662,193	15,072,061
Jute	"	50,745,030	18,255,880
Garment, fabric	"	393,660	505,185
Hand, leather	"	497,735	2,561,951
Hand, other	—	—	4,169,287
Hand, parts	—	—	105,542
Shopping, sports, etc., leather	No.	61,604	734,826
Shopping, sports etc., other	—	—	393,689
Sleeping	No.	28,159	753,674
Club bags, suit cases and other hand luggage	—	—	4,650,048
School bags	No.	209,797	261,387
Fabric bags, not specified	—	—	1,166,057
Fabric bags, repaired	—	—	4,951,375
Bags, paper:			
Glassine and cellophane	—	—	7,520,564
Millinery, garment and laundry	—	—	1,508,889
Self-opening	—	—	8,188,149
Tea bags, individual	—	—	1
Wedge	—	—	2,192,779
Paper, not specified (including multiwall)	—	—	23,755,222
Bags, plastic	—	—	662,906
Bags, rubber, air and steam	No.	14,318	252,515
Bags, rubberized, n.e.s.	"	2,916	8,308
Bakers' equipment (See also "Machinery, bakers' ")	—	—	59,508
Bale ties — Quantity made	ton	5,502	—
Quantity sold	"	5,532	925,533

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical list of products manufactured in Canada, 1951 — Continued

Items	Unit of measure	Quantity	Value
			$
Ball and rod mills, grinding	—	—	278,207
Balloons	gr.	89,315	296,773
Balls, baseball	doz.	24,336	434,226
Balls, golf, complete	"	139,883	842,835
Balls, softball	"	26,962	382,353
Balls, other, including bladders, centres etc.	—	—	741,743
Barley, pot and pearl	ton	2,150	238,303
Barn and stable equipment, not elsewhere specified	—	—	2,767,259
Barrels, wooden:			
Apple, etc.	No.	707,838	1,277,884
Fish, slack	"	88,895	132,225
Fish, tight	"	95,889	262,432
Flour, sugar etc.	—	—	145,054
Oil, vinegar, water, etc.	No.	170,802	1,160,779
Whiskey, beer, etc.	"	40,863	912,763
Barrels, steel	"	611,148	3,479,042
Barrels, repaired, etc.	—	—	483,333
Barrels, n.e.s.	—	—	3,585
Bars and ingots, aluminum (Included in "Aluminum bars, rods and ingots")			
Bars and rods, brass and bronze	—	—	1
Bars, iron and steel:			
Hot rolled, of all grades:			
Quantity made	ton	763,005	
Quantity sold	"	587,160	73,105,972
Cold rolled and cold drawn:			
Quantity made	"	47,359	
Quantity sold	"	47,578	12,402,690
Not specified	"	12,844	1,942,577
Basket bottoms	—	—	76,167
Baskets and crates, fruit and vegetable	—	—	3,933,374
Baskets, other, not specified	—	—	522,500
Bathing caps	doz.	24,705	127,652
Bathing shoes	—	—	1
Bathing suits	doz.	120,892	4,041,465
Bath mats and sets	—	—	188,835
Bathrobes, kimonos, lounging jackets, etc.			
Cotton:			
Women's and misses'	doz.	17,162	585,335
Children's	"	11,676	193,291
Rayon and silk:			
Women's and misses'	"	23,446	1,818,323
Men's and youths'	"	4,920	538,601
Children's	"	559	12,961
Wool and flannel:			
Women's and misses'	"	4,002	440,044
Men's and youth's	"	8,683	1,190,571
Children's	"	6,378	402,596
Not specified:			
Men's and youths'	"	4,763	275,574
Other	"	10,891	565,139
Bats, baseball	No.	267,478	212,720
Batteries:			
Storage, for automobiles and other internal combustion engines	No.	1,611,229	16,556,947
Storage, for railway service (cells)	"	20,466	862,715
Storage, for farm lighting plants (cells)	"	27,062	281,853
Storage, for telephone switch boards	"	16,192	691,551
Storage, for all other purposes	"	38,139	1,806,737
Dry cell, 6 in. batteries	No. of cells	1,977,940	996,195
Dry cell, radio, for portable sets	" "	13,851,193	725,117
Dry cell, radio, for non-portable sets	" "	39,178,105	3,558,226
Dry cell, flashlight	" "	45,727,144	3,402,069
Dry cell, hearing aid "A"	" "	876,701	97,532
Dry cell, hearing aid "B"	" "	2,272,418	124,004
Dry cell, all other	" "		
Parts and supplies for batteries	—	—	3,648,203
Battery containers, covers, etc.	—	—	2,464,373
Batts, wadding, and rolls including auto batts (See also "Flocks")	—	—	4,694,880
Bearings, ball, roller, and parts	—	—	7,643,329
Beauty parlour equipment (See also "Hair dressing accessories")	—	—	295,926
Beds and couches:			
Beds, metal	No.	155,751	2,208,401
Studio couches, metal and other	"	73,448	4,262,688
Couches, other than studio, metal	"	28,870	411,451
Cots and bunks, metal	"	111,001	922,891
Cribs, metal	"	23,299	257,105
Beds, camp	"	1,933	23,580
Bedspreads and bed sets:			
Cotton	"	327,047	2,036,272
Silk, rayon and rayon mixtures	"	34,417	388,841
Not specified	"	9,879	83,607
Beef extract	—	—	1
Beekeepers' supplies, n.e.s.	—	—	261,212
Beer, ale, stout and porter (sales):			
Bottled and canned	gal.	128,322,221	215,022,894
Draught	"	49,335,473	56,532,371
Beer, spruce	"	53,429	41,550
Beet pulp, wet and dried	ton	117,895	2,268,991
Bells and gongs	—	—	1
Belting, leather (transmission)	lb.	319,863	1,447,808

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical list of products manufactured in Canada 1951 – Continued

Items	Unit of measure	Quantity	Value
			$
Belting, rubber	lb.	10,038,627	10,267,645
Belts, automobile, fan	No.	1,867,579	1,150,733
Belts, body, not specified	—	—	3,287,142
Belts, rubber, for motors	No.	1,789,576	2,555,511
Belts and aprons, sanitary	—	—	241,573
Benzol	imp. gal	7,560,513	3,040,833
Bicycles	No.	91,617	3,158,470
Bicycle parts	—	—	349,489
Billiard and bowling supplies, n.e.s.	—	—	962,533
Binders, loose-leaf and other	—	—	2,755,341
Binders, corn	No.	2,938	1,156,228
Binders, grain	"	3,557	1,409,554
Binding and stitching (trade work)	—	—	1,852,061
Bindings (see also "Tapes"):			
Cotton	—	—	865,356
Silk, rayon and rayon mixtures	—	—	259,317
Other	—	—	193,761
Bins and hoppers	—	—	1,179,814
Biological products, n.e.s.	—	—	3,381,313
Biscuits, plain and fancy	lb.	172,547,063	54,787,116
Biscuits, soda	"	49,856,582	12,738,637
Black, acetylene	—	—	1
Blackboards, asbestos and other	—	—	71,331
Blankets:			
Cotton and cotton mixtures	pr.	2,165,300	
	lb.	6,710,188	8,078,002
All wool	pr.	683,740	
	lb.	4,617,018	8,711,825
Other, including crib	—	—	1,166,365
Slumber throws	No.	69,443	349,106
Blankets, electric	"	12,587	251,755
Blankets and covers, horse	"	29,564	260,373
Blankets, rubber, printers'	lb.	74,073	137,248
Bleaching compounds	—	—	1
Blinds, venetian (See "Shades and blinds")	—	—	1
Blood, animal, dried, edible	lb.	3,474,260	235,846
Blood, animal, dried, inedible			
Blooms, billets, slabs and sheet bars, (including, blanks):			
Quantity made	net ton	2,645,540	
Quantity sold	" "	447,334	33,513,655
Blouses, women's, misses' and children's:			
Cotton, women's and misses'	doz.	155,069	3,068,510
Cotton, children's	"	76,525	949,212
Nylon, women's and misses'	"	25,371	1,143,841
Rayon, women's and misses'	"	191,732	5,228,462
Rayon, children's	"	10,738	214,865
Rayon mixtures, women's and misses'	"	181,584	4,963,641
Rayon mixtures, children's	"	4,478	105,870
Woollen, women's and misses'	"	13,508	404,638
Woollen, children's	"	242	6,576
Other, women's and misses'	"	26,409	920,008
Other, children's	"	1,574	30,675
Blow torches	—	—	1
Blowers for domestic furnaces	No.	28,812	873,364
Blue, laundry	—	—	116,079
Boats, life and whale	No.	189	220,818
Boats, motor	"	726	1,510,579
Boats, outboard motor	"	9,692	1,709,163
Boats, sail	"	119	79,603
Boats, other including row boats, skiffs, etc., (See also "Canoes")	—	—	1,468,547
Boiler compound	—	—	1
Boilers, heating, all types	—	—	9,366,639
Boilers, power	—	—	8,471,816
Boilers, range and wash	No.	193,775	2,680,597
Boilers, not specified	—	—	747,684
Boiler and engine parts and accessories	—	—	2,306,419
Bologna, weiners, and blood pudding	lb.	94,586,840	39,229,450
Bolts, nuts and rivets	—	—	22,217,462
Bone meal and flour	lb.	9,520,684	394,470
Bone, raw, ground, etc.	"	40,541,687	1,114,666
Book cloth, pyroxylin coated (Included in "Fabrics, coated and impregnated")	—	—	2,821,692
Books, printed and bound, chiefly for advertising	—	—	10,006,856
Books, printed and bound, not chiefly for advertising	—	—	2,880,461
Books and pads, drawing, exercise, scribblers, etc., not elsewhere specified	—	—	1,063,154
Books, ledger and account	—	—	2,818,739
Books, counter, check, sales, etc.	—	—	1,123,553
Books, blank, bound, not specified	—	—	1
Boron carbide	—	—	1
Bottles, plastic	—	—	1
Bottles, thermos			
Bowling supplies (Included in "Billiard and bowling supplies")	pr.	10,273,556	355,058
Box toes	—	—	1
Boxes, mail	—	—	
Boxes, paper:			
Corrugated, including wrappers, etc. (See also "Wrappers")	—	—	67,271,424
Fibre board	—	—	2,071,106
Folding	—	—	42,933,163
Set-up	—	—	13,762,838
Not specified	—	—	28,313

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1951 — Continued

Items	Unit of measure	Quantity	Value
			$
Boxes, wooden:			
Apple	No.	624,769	249,005
Berry	"	26,169,536	315,338
Butter	"	1,162,141	706,784
Cheese	"	834,230	469,368
Cigar	"	1,451,557	346,640
Fish	"	1,187,578	860,483
Meat	"	862,609	510,841
Plywood	"	432,837	1,434,183
Veneer	"	3,143,872	3,490,303
Not specified	—	—	5,107,692
Boxes, other, not specified	—	—	655,295
Box panels, plywood	—	—	1
Braids and gimps	—	—	1,857,765
Brake fluid	—	—	854,331
Brake beams (railway car)	—	—	882,720
Brakes, auto, and parts	—	—	4,069,655
Brakes, brake shoes and parts (railway car)	—	—	4,813,901
Bran	ton	339,378	18,615,116
Brass ingots	"	14,600	9,067,997
Brass and bronze products, not specified	—	—	1,484,201
Bread	lb.	1,045,169,780	149,481,587
Breakfast foods (see "Cereal products")			
Brewery and distillery equipment, n.e.s.	—	—	778,435
Bricks, cement	M.	52,518	1,668,645
Bricks, domestic clay	"	379,628	14,058,361
Bricks, sand-lime	"	31,937	1,220,563
Briquettes, coal and coke	—	—	1
Bronze ingots	lb.	13,962,515	4,427,311
Bronze, n.s.	"	268,558	46,409
Brooms:			
Corn	doz.	250,541	2,814,530
Fibre	"	26,984	256,634
Hair	"	7,709	207,478
Toy	"	10,859	35,030
Other	"	2,793	108,025
Brushes:			
Made of corn or fibre	"	142,040	24,810
Clothes	"	30,798	199,340
Cosmetic	"	60,261	170,467
Generator and motor	—	—	783,542
Hair	doz.	102,390	783,353
Nail	"	61,229	87,336
Paint	"	505,188	5,277,698
Shaving	"	30,870	334,172
Shoe	"	32,658	141,187
Tooth	"	457,761	719,301
For household purposes	"	627,266	1,641,772
For industrial use	"	209,302	1,428,818
Other, not specified	"	27,401	134,972
Brush blocks, backs, etc.	—	—	47,034
Buckles, clips, etc.	—	—	290,948
Buffing composition	—	—	167,802
Buffs, polishing, cotton	—	—	1,062,138
Building blocks, hollow, cement, cinder, sand-lime, etc.	—	—	18,183,100
Bungs, barrel	—	—	61,560
Buns	—	—	22,919,212
Burlap products	—	—	520,113
Burners, not specified	—	—	152,059
Butane	—	—	1
Butter, whey, factory made	lb.	2,022,809	1,147,000
Butter, other, factory made	"	257,165,501	162,159,022
Buttons:			
Celluloid	gr.	67,188	314,460
Covered	"	116,260	230,515
Plastic	"	660,204	966,712
Metal	"	1,475,946	369,276
Moulded	"	3,296,598	1,031,283
Pearl	"	277,237	297,668
Not specified	—	—	596,785
Button covering, hemstitching, etc.	—	—	1,385,735
Butyl acetate	—	—	1
Butyraldehyde	—	—	1
Cabinets, ice cream	—	—	2,305,770
Cabinets, phonograph and radio	No.	219,059	6,094,193
Cabinets, silverware	—	—	595,652
Cabinets, n.e.s.	—	—	474,482
Caffeine	—	—	1
Calcium carbide	—	—	1
Calcium chloride	—	—	1
Calcium cyanamide	—	—	1
Calcium naphthenate	—	—	1
Calks, horseshoe	—	—	52,426
Camel back	lb.	6,063,548	2,776,944
Cameras and kodaks	—	—	1
Candles and cierges:			
Household	—	—	417,795
Church, chapel and synagogue	—	—	1,738,387
Wax lights in tumblers	—	—	1

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1951 – Continued

Items	Unit of measure	Quantity	Value
			$
Candy sticks	M.	182,063	105,803
Canoes (See also "Boats")	—	—	322,287
Cans, metal, cream and milk	No.	38,288	188,349
Cans, metal, for food	—	—	54,965,224
Cans, metal, non-food	—	—	18,428,481
Cans, metal, garbage and ash	—	—	1,064,426
Cans, paper or fibre with metal ends	—	—	3,387,561
Canvas and canvas goods, not elsewhere specified	—	—	47,646
Capacitors, (Static condensers for power factory correction)	—	—	392,306
Caps:			
Cloth	doz.	192,340	2,327,624
Cotton	"	90,772	316,745
Fur	"	6,051	110,587
Leather	"	4,971	64,865
Sport	"	111,571	880,153
Uniform	"	42,773	938,997
Not specified	"	20,097	145,396
Caps, bottle:			
Metal, beverage	—	—	6,758,883
Metal, other	—	—	3,363,073
Paper, milk bottle	M.	1,633,205	1,465,318
Plastic	—	—	710,043
Not specified	—	—	780,971
Caramel butter	—	—	1
Carbon dioxide (cylinders and solid)	—	—	1
Carbon bisulphide	—	—	1
Carbon tetrachloride	—	—	1
Carbon products, not specified	—	—	482,258
Carboxel (sodium carboxymethyl cellulose)	—	—	1
Cards, greeting	—	—	10,399,818
Cards, playing	—	—	1
Cards, visiting	M.	82,481	130,920
Carpets, mats, and rugs:			
Carpets in rolls, including stair:			
Axminster	carpet yard	680,098	4,187,005
Tapestry	"	203,489	1,043,948
Wilton	"	537,065	4,543,498
Other, not specified	"	107,338	579,633
Carpets in squares, 4'6" X 7'6" or larger:			
Axminster	"	367,917	1,869,735
Wilton	"	49,053	331,171
Not specified	"	42,000	210,600
Small squares and runners:			
Axminster	"	38,731	204,969
Wilton	"	43,782	275,826
Other	—	—	236,977
Cocoa mats and matting	—	—	1
Rugs, wool, fluff, cotton, hooked, etc.	—	—	1,230,125
Rugs, made from old carpets	—	—	255,005
Carpet sweepers	—	—	1
Carriages, sulkies, etc., baby	No.	147,231	2,497,772
Carriages, doll	—	—	538,311
Carriages and wagons, complete (See also "Vehicles")	No.	1,595	260,119
Carriage and wagon bodies and boxes	—	—	123,751
Carriage and wagon materials	—	—	83,872
Carriers, litter	—	—	1
Cars, electric, railway, passenger, new	—	—	1
Cars, steam, railway, new	No.	10,613	75,428,547
Cars, dump, hand, push and other, not specified	—	—	1,959,850
Cars, concrete	—	—	80,632
Carvings, wood and other	—	—	29,760
Casein, dried	lb.	6,678,323	2,060,833
Cases, clock	—	—	126,838
Cases, jewellery	—	—	995,404
Cases, key, card, utility, etc.	—	—	841,341
Cases, portfolios, brief, etc.	No.	186,067	1,364,840
Cases, toiletware	—	—	1
Cases, other, not specified	—	—	111,395
Caskets	No.	104,208	6,521,720
Casks, fish	"	54,597	155,902
Casks, other	"	1,451	6,806
Castings:			
Aluminum	lb.	12,497,694	7,755,135
Brass and bronze	"	40,345,515	17,930,843
Copper	—	—	179,166
Die	—	—	11,507,819
Grey iron	—	—	47,497,584
Magnesium	lb.	482,973	1,034,811
Malleable iron	ton	48,827	12,636,726
Iron, not specified	—	—	416,405
Lead	lb.	442,679	143,204
Steel:	ton	121,588	—
Quantity made	"	116,219	40,976,854
Quantity sold	—	—	1,734,992
Not specified	—	—	1,160,363
Castors, all kinds	—	—	11,603,081
Catalogues, printed, etc.			
Catsup (See "Tomato Catsup")			
Caulking materials	—	—	1

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1951 — Continued

Items	Unit of measure	Quantity	Value
			$
Ceiling and siding, metal	—	—	1,018,709
Cellulose products, n.e.s.	—	—	1
Cement, asbestos	lb.	1,689,815	101,413
Cement, Portland (including containers)	—	—	43,023,845
Cement, linoleum	—	—	605,739
Cement, rubber	—	—	467,333
Cement, not specified	—	—	1,861,897
Cement products, not specified	—	—	1,800,250
Cereal products, prepared, ready to serve	lb.	74,723,345	18,568,738
Cereal products, unprepared	"	20,768,312	1,869,213
Cereal products, n.e.s.	"	3,702,000	208,633
Cerium	—	—	1
Certificates, stock, bond, etc. printed	—	—	2,273,989
Chains, automobile	—	—	1,865,741
Chains, other than automobile, including sprocket chain	—	—	6,420,264
Chamois products	—	—	406,701
Chaplets, foundry	—	—	430,531
Charcoal	—	—	1
Cheese, Canadian cheddar	lb.	88,783,699	30,740,657
Cheese, other, whole milk	"	5,469,643	2,608,576
Cheese, skim milk and cottage	"	9,985,840	1,975,558
Cheese, process	"	39,364,653	15,959,297
Cheesecloth	yd.	917,457	307,684
Chemical products, not elsewhere specified	—	—	3,591,210
Cheques, notes, drafts, bank notes, etc. printed	—	—	2,813,907
Chests, cedar and other	No.	37,452	1,403,155
Chewing gum	box	12,045,100	7,215,634
Chicken, canned (See "Meats, canned")			
Chicory, roasted	—	—	1
Children's sleepers (See also "Infants' wear — Sleepers")	doz.	54,716	807,216
Children's wear, n.e.s.	—	—	61,922
Chloride of lime	lb.	608,464	57,878
Chlorine, liquid	"	201,067,716	5,154,466
Chloroform	—	—	1
Chocolate coating:			
Liquor	—	—	1
Sweetened:			
For own use	lb.	12,117,890	—
For sale	"	10,802,442	4,520,718
Choppers and grinders, food	—	—	227,217
Churns	—	—	1
Cider (for sale)	gal.	53,371	34,149
Cigars	M.	169,408	13,896,713
Cigarettes	"	15,816,166	261,909,840
Cisterns	—	—	2,505,014
Classifiers, metal-working	—	—	129,771
Clay, bentonite and other	—	—	566,682
Cleaners, vacuum and parts	—	—	9,070,585
Cleaner, hand	lb.	1,786,813	159,387
Cleaner, automobile, fabric, floor, etc.	—	—	403,280
Cleaning and scouring powders and pastes	lb.	30,940,160	2,904,516
Cleaning preparations, n.e.s.	—	—	2,081,703
Clips and staples, wire	—	—	571,669
Clocks	—	—	4,335,425
Cloth, gummed	—	—	1
Clothes driers	—	—	1
Clothes hampers	—	—	248,338
Clothes pins	gr.	1,064,034	563,275
Clothing, rubber, n.e.s.	—	—	464,176
Clothing, safety	—	—	330,237
Clothing, sport:			
Shorts:			
Women's and misses':			
Cotton	doz.	35,163	600,674
Rayon	"	3,183	49,389
Wool and wool mixtures	"	3,037	36,799
Not specified	"	2,796	56,336
Men's and youths':			
Cotton	"	7,398	170,197
Not specified	"	3,965	112,923
Boys':			
Cotton	"	4,214	72,257
Other	"	1,452	43,275
Children's:			
Cotton	"	37,438	381,442
Rayon	"	2,470	33,242
Wool and wool mixtures	"	3,226	44,490
Other	"	65	650
Not specified	"	21,442	525,788
Slacks:			
Women's and misses':			
Cotton	No.	764,835	2,164,896
Rayon	"	274,804	953,389
Wool and wool mixtures	"	221,673	1,024,158
Not specified	"	42,896	168,281
Men's and youths' (See "Pants and slacks")			
Children's:			
Cotton	"	339,960	517,466
Rayon	"	32,525	73,918
Wool and wool mixtures	"	208,051	453,420

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Alphabetical List of Products Manufactured in Canada, 1951 — Continued

Items	Unit of measure	Quantity	Value
			$
Clothing, sport—Concluded:			
Suits, sport:			
Ski and snow suits:			
Women's and misses'	doz.	5,280	289,510
Children's	"	41,965	2,336,657
Other sport suits:			
Women's and misses':			
Cotton	No.	4,754	43,634
Rayon	"	10,905	99,994
Wool and wool mixtures	"	17,901	247,264
Children's:			
Not specified	"	8,292	42,232
Clothing, sport, (baseball, gym and athletic) (See also "Pants, hockey, soccer, etc."	—	—	146,113
Clothing, sport, n.e.s.	—	—	173,160
Clothing, hospital	—	—	627,792
Clothing, military (See, "Jackets", "Pants" and "Suits"			
Clothing, oiled and waterproofed (See also, "Raincoats and Capes" and "Pants rubberized and oiled")	—	—	572,236
Clothing, plastic, n.e.s. (See also "Aprons", "Raincoats and Capes")	—	—	154,672
Clothing, not specified	—	—	815,145
Coats and jackets:			
Boys' overcoats and top coats	No.	78,685	864,544
Men's and youths' overcoats and top coats	"	759,818	23,570,568
Women's and misses' coats:			
Rayon	"	46,550	704,568
Woollen	"	1,424,249	34,520,324
Other	"	25,568	616,316
Children's coats:			
Woollen	"	573,242	4,594,091
Rayon	"	13,570	112,657
Not specified	"	4,496	51,558
Station wagon coats:			
Women's and misses'	"	127,975	2,444,672
Children's	"	180,839	1,890,957
Men's and boys'	"	5,442	114,988
Not specified	"	337	166,212
Not specified:			
Woollen	"	15,024	250,000
Other	"	2,460	62,321
Boys' separate jackets (civilian)	—	—	433,578
Men's and youths' separate jackets:			
Civilian	No.	330,734	5,889,645
Military	"	532,665	4,207,641
Women's and misses' separate jackets:			
Wool and mixtures	"	152,635	1,309,156
Rayon and mixtures	"	45,669	484,496
Cotton	"	64,156	328,291
Other	"	13,963	82,384
Children's separate jackets:			
Wool and mixtures	"	139,237	402,005
Cotton	"	38,437	95,460
Rayon and mixtures	"	28,796	88,463
Other	"	15,088	72,040
Coats, blazers and jackets, not specified	doz.	7,635	450,530
Short coats (including windbreakers, mackinaws, parkas, leather coats, vest, etc.):			
Wool and wool mixtures:			
Men's and youths'	"	38,991	4,392,855
Boys'	"	13,321	845,468
Children's (under 14)	"	1,922	94,020
Women's and misses'	"	3,469	340,720
Cotton:			
Men's and youths'	"	53,848	4,690,723
Boys'	"	24,857	1,636,994
Children's (under 14)	"	6,109	422,751
Women's and misses'	"	9,110	433,547
Not specified	"	2,114	242,194
Leather:			
Men's and youths'	"	7,506	1,133,457
Boys'	"	95	9,823
Not specified	"	1,592	273,194
Rayon:			
Children's	—	—	[1]
Women's and misses'	doz.	10,821	412,642
Other:			
Men's and youths'	"	46,076	4,690,092
Boys'	"	15,652	944,146
Children's (under 14)	"	393	22,393
Women's and misses'	"	4,640	275,177
Not specified	"	1,560	254,825
Raincoats and capes:			
Oiled	No.	28,423	134,194
Plastic	"	347,667	1,465,989
Rubber and rubberized	"	532,531	1,701,442
Showerproofed and waterproofed	"	538,520	8,803,296
Not specified	"	39,331	451,732
Brunch coats and house coats	doz.	11,097	624,586
Coats, fur:	No.	699	40,661
Children's	"	206,315	46,410,371
Ladies' (coats and capes)	"	632	154,090
Men's			

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Alphabetical List of Products Manufactured in Canada, 1951 — Continued

Items	Unit of measure	Quantity	Value
			$
Coats, fur-lined	No.	2,425	315,397
Coat plates	—	—	1,117,614
Coating, industrial (plastic) (See also "Enamels, pipe-line")	—	—	1
Cobalt naphthenate	—	—	1
Cocoa (Made for sale)	lb.	9,169,124	3,838,816
Cocoa butter:			
Made for own use	"	4,741,647	—
Made for sale	"	1,562,149	1,143,287
Cocoa and chocolate preparations, not elsewhere specified (for sale)	"	4,857,916	2,190,181
Cocoanut, prepared and desiccated	—	—	1
Coffee-makers, glass	—	—	1
Coffee, roasted	lb.	71,418,392	62,779,934
Coffee substitute	—	—	1
Coffins	No.	4,606	124,240
Coffins and boxes (shells)	—	—	893,469
Coke, gas-house	ton	3,931,626	59,848,832
Coke, petroleum	"	164,689	1,674,174
Coke, pitch	—	—	1
Cold storage equipment (See also "Refrigeration equipment")	—	—	315,453
Collars, men's	—	—	149,130
Collars, fur	No.	133,408	717,036
Colours, butter, cheese and other	lb.	1,977,773	494,979
Colours, dry	—	—	3,543,183
Colours, in oil and Japan	gal.	155,422	675,949
Combs	—	—	1,488,081
Comforters:			
Cotton	No.	80,865	356,222
Down	"	12,872	249,201
Wool	"	47,997	299,893
Not specified	"	22,067	33,203
Communication systems (see "Radio communication equipment):			
Compacts, powder and rouge	—	—	302,444
Compressors, air	—	—	6,405,625
Compressors and condensing units (refrigeration)	No.	44,965	4,831,136
Concentrates used for soft drinks	—	—	2,463,529
Concrete, ready mixed	cu. yd.	1,557,664	17,290,381
Concrete products n.e.s.	—	—	1,046,903
Condensers, evaporative (refrigeration)	No.	2,429	355,383
Conduit, flexible, steel and non-metallic	ft.	2,756,358	191,179
Conduit, rigid:			
Aluminum	—	—	1
Electrical metallic tubing	lb.	2,926,000	774,671
Iron	"	29,212,000	4,137,624
Conduit fittings	—	—	2,663,611
Conduits and parts, not specified	—	—	63,818
Cones, ice cream	M.	382,012	1,601,084
Cones and tubes, textile winding	—	—	1
Confectionery, chocolate:			
In bulk	lb.	13,028,596	5,564,577
In bars	doz.	39,531,445	22,041,834
In packages	lb.	19,184,054	11,684,281
Moulded chocolate novelties	"	602,229	457,678
Not specified	"	283,430	154,338
Confectionery, marshmallow:			
In bulk	"	328,298	86,548
In packages	"	4,406,019	1,454,784
Confectionery, sugar:			
In bulk	"	47,584,866	12,710,912
In bars	doz.	1,900,134	1,035,833
In packages	lb.	15,357,230	5,671,421
Penny goods	gr.	3,795,891	3,314,835
Lozenges	lb.	875,729	206,455
Confectionery, toffee:			
In bulk	"	660,000	206,780
In packages	"	1,650,945	561,347
Confectionery, not specified	"	1,531,167	71,374
Confectionery mixes	—	—	1
Containers, n.e.s.	—	—	26,051
Control and starting equipment, industrial, n.e.s.	—	—	11,516,310
Converter equipment, electrical	—	—	4,138,222
Coolers, milk and other	—	—	3,101,209
Cooperage products, not specified	—	—	101,609
Copper alloys	lb.	1,142,785	388,291
Copper and copper products, n.e.s.	—	—	3,242,398
Cores for paper rolls	M. ft.	6,856	871,267
Cores for small paper rolls and mailing tubes	—	—	958,043
Cores, textile winding	—	—	220,542
Cores, lumber	—	—	282,414
Cork products, not elsewhere specified	—	—	294,589
Corn, cracked	ton	2,187	199,358
Corn, for popping	—	—	1
Corsets, girdles, brassieres, etc:			
Corsets and girdles	doz.	191,382	6,093,609
Combination garments	"	24,007	1,169,632
Bandeaux, brassieres, etc.	"	669,148	8,005,753
Suspender girdles, shoulder straps etc.	—	—	498,964
Corset steels and clasps	—	—	1
Cosmetic containers and other cosmetic accessories, n.e.s.	—	—	711,094

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Alphabetical List of Products Manufactured in Canada, 1951 — Continued

Items	Unit of measure	Quantity	Value
			$
Cotter pins	—	—	205,258
Cotton fabrics:			
Unbleached or grey	lb.	71,936,158	
	yd.	207,078,972	68,796,159
Bleached or white	lb.	11,068,654	
	yd.	42,285,529	14,806,760
Yard and stock dyed	lb.	19,911,437	
	yd.	54,023,424	22,027,879
Piece dyed	lb.	16,152,103	
	yd.	56,473,077	26,367,663
Printed and painted	lb.	9,971,714	
	yd.	42,182,171	14,112,654
Pillow cotton	lb.	331,817	
	yd.	1,013,128	431,922
Sheeting	lb.	7,279,276	
	yd.	11,447,315	7,735,534
Towelling	—	—	1,515,920
Not specified	—	—	2,704,783
Counters, shoe	pr.	20,831,823	737,640
Couplings, flexible, etc.	—	—	486,094
Coverings, boiler and pipe, asbestos and other	—	—	2,106,904
Covers, baby carriage and crib	doz.	2,503	64,640
Covers, boat	—	—	100,316
Covers, canvas	—	—	3,033,813
Covers, couch, table and other furniture	—	—	584,115
Covers, mattress	—	—	458,872
Covers, stockinette, meat (See "Knitted fabrics")			
Covers, radiator, fabric	—	—	57,271
Covers, seat, automobile	—	—	2,477,938
Covers, not specified	—	—	563,737
Crates, shipping, auto and other	—	—	1
Crayons, wax and chalk	—	—	389,471
Cream, whey, sold by dairy factories	lb. b. f.	763,731	446,020
Cream, other, sold in dairy factories	"	23,909,512	27,258,822
Cream transferred to branches of firms reporting	"	7,253,621	5,846,784
Cream of tartar, refined	lb.	206,877	151,653
Cream separators	No.	5,868	754,417
Cresols	—	—	1
Croquet sets	—	—	1
Cross arms	—	—	821,719
Crucibles, clay	—	—	1
Crushers, rock, and parts	—	—	467,558
Cuffs, fur	pr.	483	6,525
Cultivators	No.	28,318	4,836,787
Cups, paper, baking, bonbon, etc.	—	—	374,052
Cups, paper, drinking	M	760,337	4,466,613
Curtains, shower	—	—	76,547
Curtains, fabric	—	—	2,696,821
Curtains and drapes, plastic	doz.	51,380	698,223
Curtain rods and fixtures	—	—	1,512,385
Cushions	—	—	794,339
Cushion forms	No.	140,355	113,662
Cushion tops	"	66,552	72,559
Cushions, mats, and pads, air and sponge	doz.	851	25,122
Cutting blocks and tables, butcher	—	—	131,677
Cutlery, all kinds (see also "Flatware")	—	—	1,431,759
Dairy products, not specified	—	—	847,519
Dairy equipment, not specified	—	—	301,865
Decorations, including party favours, confetti, etc.	—	—	1,139,321
D.D.T.	—	—	1,696,626
Dentifrices	—	—	5,572,825
Dentists' supplies, not elsewhere specified	—	—	300,806
Deodorant (personal)	—	—	1,420,254
Deodorant (not personal)	—	—	673,214
Desk sets	—	—	58,157
Detergents	—	—	13,317,230
Dextrine	—	—	1
Dextrose	—	—	1
Diaries, printed, etc.	—	—	200,515
Dibutyl phthalate	—	—	1
Dicyandiamide	—	—	1
Dies, stamping, drawing and cutting	—	—	1,226,946
Dies, metal working, n.e.s.	—	—	2,567,961
Dies, aluminum	—	—	65,587
Dies, taps and stocks	—	—	416,811
Dies, rubber etc.	—	—	591,941
Dioctyl phthalate	—	—	1
Discs, agricultural (see "Ploughs")	—	—	520,461
Dishcloths	—	—	1
Dishwashers, electrical, commercial	—	—	767,242
Disinfectants	—	—	2,899,550
Display, advertising	—	—	1,509,268
Display, forms, mounting, etc.	—	—	1
Ditchers, blade			
Distillers' grain (see "Grain, distillers'")	—	—	37,518
Dog collars and harness	—	—	444,512
Doilies and dinner cloths, paper	doz.	140,282	2,309,728
Dolls, all kinds			

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1951 — Continued

Items	Unit of measure	Quantity	Value
			$
Dolls' furnishings and parts	—	—	341,440
Doors, metal clad	—	—	1,775,508
Doors, modernfold	—	—	1
Doors, veneer and plywood	No.	1,061,125	8,125,500
Doughnuts	—	—	8,190,020
Dowels	M. lin. ft.	32,416	305,654
Down, processed (Included with "Feathers")			
Draperies and drapery material	—	—	670,160
Drapes, window, paper	—	—	1
Dresserware, plastic	—	—	1
Dresses, children's:			
Cotton	No.	2,887,060	5,127,661
Rayon and rayon mixtures	"	614,216	1,586,674
Wool and wool mixtures	"	135,241	423,691
Not specified	"	64,627	124,376
Dresses, women's and misses':			
Cotton (see also, "Coats, brunch coats, house coats, etc.")	"	4,639,007	12,590,024
Nylon	"	147,314	1,207,646
Rayon and rayon mixtures	"	7,207,760	48,427,428
Wool and wool mixtures	"	478,196	5,271,310
Wool, knitted suits and dresses (incl. children's)	"	83,820	767,774
Not specified	"	128,262	1,232,954
Dressing gowns, negligees, (see "Bathrobes, etc.")			
Dressing, salad	lb.	19,310,267	5,850,227
Dressings and finishes, leather, (not including polish)	—	—	901,549
Drilling machines (metal working)	—	—	766,634
Drills, grain and fertilizer (combination)	No.	34,967	11,931,279
Drills, grain, press and plain	"	11,902	5,597,882
Drills, reamers, etc. incl. screw plates	—	—	12,343,377
Drills, mining and metallurgical	—	—	2,420,905
Drink mixers	—	—	1
Drives, V-belt (transmission machinery)	—	—	1,334,267
Druggists' sundries:			
Hot water bottles	doz.	19,134	208,627
Nipples and soothers	"	471,857	200,435
Ice caps and collars	"	3,128	38,380
Not specified	"	24,650	3,767
Drums, veneer, plywood and other	—	—	433,533
Dyeing, finishing, shrinking, etc.:[2]			
Dyeing and finishing of textiles	—	—	9,382,659
Dyeing and finishing of yarns	lb.	1,221,869	333,739
Dyeing and finishing of other products	—	—	848,180
Bleaching, sponging, dyeing, etc. custom	—	—	2,744,176
Dyes, blended and packaged	—	—	80,627
Dyes, leather	—	—	53,971
Ear muffs	—	—	29,773
Eavetrough and pipe	—	—	1,980,623
Economizers	—	—	1
Egg cases	No.	483,686	275,650
Egg case fillers	—	—	554,936
Eggs, frozen	—	—	1
Egg substitute, including powdered albumen	—	—	35,188
Elastic products, not elsewhere specified	—	—	777,897
Electric heating elements (sold separately)	—	—	2,733,354
Electrical apparatus, parts and supplies, not elsewhere specified	—	—	16,221,040
Electrical instruments and meters, except ammeters for autos	—	—	10,481,945
Electrodes, carbon and graphite	—	—	1
Electrotyping and stereotyping	—	—	5,346,126
Elevators, freight and passenger	—	—	6,155,152
Elevator parts	—	—	2,037,063
Embalming fluid	—	—	258,371
Embossing	—	—	246,099
Embroideries and laces	—	—	3,202,286
Enamels, oils and synthetic (see also "Paints and enamels")	imp. gal.	6,304,863	28,234,536
Enamels, pipe-line	—	—	543,520
Engines, aircraft (overhauled and assembled)	—	—	1
Engines, auto	—	—	1
Engines, auto parts	—	—	1
Engines, diesel	No.	141	4,009,205
Engines, gasoline, marine type	"	28,334	5,588,373
" " , other type	"	41,212	5,847,300
Engines, steam, including steam turbines	"	9	432,409
Engine parts	—	—	2,443,073
Engraving (trade work)	—	—	489,689
Ensilage cutters	No.	274	137,949
Ensilage and forage harvesters	"	504	264,746
Envelopes, made	M	3,435,039	11,979,803
Envelopes, printed	—	—	5,790,269
Escalators	—	—	1
Ethyl acetate	—	—	1
Ethylene oxide	—	—	1
Ethyl hexonal	—	—	1
Evaporators (fin coils, ice-makers, etc.)	—	—	1,661,317
Excelsior, paper	ton	3,209	149,205
Excelsior, wood	"	7,719	367,284
Excelsior, wrappers, mats and pads	No.	18,269,133	416,206
Explosives	lb.	155,490,062	22,005,688

1. Indicates that the commodity was reported by only one or two concerns.
2. Does not include fabrics dyed or bleached by firms maintaining a dyeing and finishing department of their own.

Alphabetical List of Products Manufactured in Canada, 1951 — Continued

Items	Unit of measure	Quantity	Value
			$
Extracts, flavouring (bakers', confectioners', household, etc.)	—	—	3,892,985
Extracts, flavouring, etc. (used for soft drinks)	—	—	2,219,469
Eyes, artificial	—	—	1
Fabrics, coated and impregnated, including felt saturated, book cloth and shoe materials	—	—	3,923,540
Fabrics, rubberized and waterproofed	—	—	636,186
Fabrics, other	—	—	5,004,213
Face cloths	—	—	913,055
Facial tissue (see "Tissues, cleansing")			
Facing and parting, foundry	—	—	420,520
Fanning mills	No.	2,475	343,570
Fans, electric	"	130,841	1,551,259
Farm equipment	"	—	502,062
Fasteners, zipper	ft.	51,574,179	5,999,214
Fasteners, other than zipper	—	—	785,064
Fats, animal, n.e.s.	—	—	53,933
Feathers, millinery	—	—	959,945
Feed chopped, etc.	ton	428,133	27,390,989
Feed cutters and mixers	No.	294	84,665
Feed, poultry	ton	900,147	80,953,481
Feed, stock	"	955,982	76,912,689
Feed, stock and poultry, n.e.s.	"	24,422	2,017,265
Felt, coated and saturated (included in "Fabrics coated, etc.")			
Felt, cotton	lb.	10,273,639	1,455,212
Felt, harness and athletic	"	530,097	537,353
Felt, industrial and automotive (uncut)	"	3,855,384	993,627
Felt, insoling, uncut	"	148,342	107,451
Felt, padding and lining	sq. yd.	740,855	694,658
Felt, paper (see "Paper, building and roofing")			
Felt, pennant, crest and fancy lining	"	400,609	502,896
Felt, shoe and gaiter	"	235,200	395,948
Felt, punch on burlap	"	1,715,607	1,241,543
Felt, for pulp and paper making	—	—	15,407,042
Felt, n.e.s.	—	—	1,130,065
Fences, electric	No.	13,650	117,652
Fencing, steel wire:			
Farm fence	ton	17,036	2,830,970
Lawn fence	"	1,289	310,998
Chain link fabric	"	641,855	854,454
Fencing, snow	M. lin. ft.	6,326	715,689
Fencing, other	—	—	14,177
Ferric chloride	—	—	1
Ferro-alloys, (ferro-silicon, ferro-chrome, ferro-manganese, silicon spiegel, etc.)	—	—	44,189,852
Fertilizers	ton	696,601	29,192,882
Fertilizer sowers	No.	500	91,156
Fibre, staple (rayon)	—	—	1
Fibre glass products	—	—	564,427
Files and rasps	—	—	1
Filing system supplies	—	—	2,822,296
Filling, pie, apple	lb.	4,905,400	534,900
Filling, pie, other than apple	"	6,923,518	1,274,586
Filling, pie, powder (see "Powder, pie filling")			
Fillings, not specified	"	172,775	23,977
Films, motion picture	—	—	1
Films, photographers' including X-ray films	—	—	1
Filter discs, etc.	—	—	847,894
Filters, mining and metallurgical	—	—	445,300
Filters oil, auto:			
Complete	No.	437,164	897,269
Elements, only	"	3,301,527	2,510,648
Fire clay	—	—	86,190
Fire extinguishers and supplies	—	—	2,035,523
Fire fighting and fire protection equipment, not elsewhere specified	—	—	3,536,640
Fireplaces and furnishings	—	—	1,029,017
Fireworks (see "Pyrotechnics")			
Fish, canned	lb.	156,332,976	61,222,294 [2]
Fish, otherwise prepared	—	—	18,523,333 [2]
Fish, fresh, marketed for consumption, sold in factories	—	—	60,819,929 [2]
Fishing nets and netting	—	—	2,978,774
Fishing tackle	—	—	1,959,137
Fixtures, lighting, exterior	—	—	2,073,567
Fixtures, lighting, commercial	—	—	9,003,156
Fixtures, lighting, industrial	—	—	5,203,452
Fixtures, lighting, residential	—	—	3,579,102
Fixtures, lighting, not specified	—	—	2,361,217
Flags and bunting	—	—	402,401
Flashlights and cases	—	—	680,790
Flatware, electro-silver plated and sterling, (see also "Cutlery")	—	—	9,217,714
Flint for lighters	—	—	333,395
Flocks	lb.	11,404,500	896,787
Floor cleaning equipment, n.e.s.	—	—	136,078
Floor covering, including oilcloths, etc.	—	—	1
Flooring, hardwood	M. ft. b. m.	75,724	13,956,506
Floor tile and joists, steel	—	—	1
Flotation machines	—	—	1
Flour, barley	ton	162	28,760
Flour, buckwheat	"	292	33,780

1. Indicates that the commodity was reported by only one or two concerns.
2. Fish processing in Newfoundland included.

Alphabetical List of Products Manufactured in Canada, 1951 — Continued

Items	Unit of measure	Quantity	Value
			$
Flour, corn	ton	1,683	183,359
Flour, diabetic	—	—	1
Flour, potato (see "Starch and flour")			
Flour, prepared and self-raising, cake mixes, pie crust, etc.	lb.	47,085,241	8,244,810
Flour preparations for sausage fillings	"	5,652,953	734,924
Flour, soya bean	—	—	1
Flour, wheat:			
Spring, No. 1 patent including Semolina	bbl.	3,834,313	38,413,752
Spring, No. 2 patent	"	5,522,618	49,550,704
Spring, No. 3 patent	"	10,596,922	95,596,994
Ontario winter	"	1,266,876	11,787,273
Low grade flour	"	894,707	6,935,046
Durum semolina	"	411,011	3,987,625
All other	"	563,880	4,810,719
Flour, graham or whole wheat	—	—	2,640,426
Flour, rice	—	—	1
Flour, rye	ton	3,053	341,477
Flowers, artificial	—	—	2,009,479
Flue linings	—	—	764,630
Fly pads and paper	—	—	1
Fly swatters	—	—	1
Foil, tin, lead and aluminum	—	—	7,608,280
Folding (trade work)	—	—	238,180
Food drinks, liquid (see also "Powders" and "Milk, chocolate")	gal.	3,961,944	3,145,179
Food, fox, dog, etc.:			
Fox biscuits	ton	73	8,265
Dog biscuits	"	3,253	654,397
Fox and dog biscuits	—	—	1
Canned dog and cat food	ton	30,591	5,268,483
Other dog and cat food	"	8,053	1,470,381
Other fox food	"	3,543	466,937
Mink and other animal food	"	16,850	2,115,575
Food, stock and poultry n.e.s. (see "Feeds")			
Food mixers	No.	56,525	1,744,052
Food, infant, canned	lb.	37,412,662	10,175,443
Food, infant, other including precooked cereal	"	6,838,465	2,394,849
Food products, not specified	—	—	1,017,699
Foots, vegetable oil	lb.	2,423,538	138,528
Footwear, leather: (see also "Slippers")			
Felt upper (including felt slippers):			
Babies'	pr.	39,587	45,052
Boys'	"	51,693	124,788
Children's, including little gents	"	58,301	81,361
Men's	"	341,602	966,835
Youths'	"	9,055	18,169
Misses'	"	50,265	95,344
Women's and growing girls'	"	129,676	196,076
Leather or fabric upper:			
Babies'	"	2,556,080	4,185,062
Boys'	"	934,197	3,253,936
Children's	"	1,913,613	4,325,708
Misses'	"	2,309,066	5,782,322
Men's	"	6,773,939	43,407,598
Youths'	"	274,477	843,536
Women's and growing girls'	"	12,718,738	47,603,220
Footwear, moccasins, including shoe packs:			
Babies'	"	26,127	18,283
Boys'	"	7,085	17,189
Children's	"	1,009	1,858
Men's	"	51,173	160,744
Youths'	"	1,749	3,294
Women's, misses' and growing girls'	"	53,780	102,676
Not specified	"	193,116	623,697
Footwear, rubber:			
Knee and hip boots, all rubber	"	2,134,907	7,260,635
Lumbermen's boots, all rubber	"	762,409	2,619,624
Lumbermen's boots, leather tops	"	223,092	2,069,787
Overshoes and goloshes, cloth uppers	"	1,227,676	5,369,283
Overshoes and goloshes, all rubber (lined and unlined)	"	3,655,851	12,760,082
Light and heavy rubbers	"	3,807,835	4,467,256
Rubber bottoms for leather tops	"	247,912	697,164
Utility footwear with canvas or other fabric tops	"	3,642,506	7,847,506
Forgings, including drop, shell, etc.	—	—	23,795,775
Forks, farm implements	No.	307,550	398,126
Forms, continuous, printed	—	—	11,414,388
Fountains, soda and luncheonette equipment	—	—	766,901
Frames and cases, spectacle	—	—	1
Freezers, ice cream	—	—	1
Freezers, individual, home and farm	No.	8,401	2,882,056
Fringes, cords and tassels	—	—	854,760
Frit, enamel	—	—	1
Fruit drinks	—	—	230,251
Fruit juices, canned, bottled, etc., including grape juice	lb.	44,805,365	3,078,332
Fruit peel, candied	"	2,474,942	691,065
Fruit pulp	—	—	1

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1951 — Continued

Items	Unit of measure	Quantity	Value
			$
Fruit, canned:			
Apples, including crab apples	lb.	14,465,205	1,222,508
Apple sauce	"	6,607,683	756,755
Apricots	"	4,593,560	962,881
Blackberries	"	417,630	96,864
Blueberries	"	2,261,463	454,425
Cherries	"	9,014,536	1,528,516
Loganberries	"	292,728	70,544
Peaches	"	51,252,636	8,042,007
Pears	"	22,247,222	3,660,381
Plums	"	10,781,209	1,092,666
Raspberries	"	4,108,569	959,521
Rhubarb	"	756,697	57,727
Strawberries	"	3,800,124	937,434
Other fruits, not specified (pineapple, fruit salad, etc.)	"	3,646,183	778,102
Fruits, fountain	"	2,189,419	573,265
Fruits, glacé	"	3,763,780	1,546,565
Fruits, maraschino cherries	"	2,467,097	1,338,214
Fruits, frozen for re-processing	"	7,776,973	1,496,906
Fruits, frozen, not for reprocessing	"	5,407,176	1,274,299
Fruits in SO_2 for reprocessing	"	9,382,032	850,105
Fruits, not specified	"	151,982	380,079
Fuel, hog	(200 cu. ft.)	331,518	319,960
Funnels, sheet metal	—	—	28,410
Fur dressing and dyeing	—	—	5,302,761
Fur trimmings	—	—	2,207,899
Fur, remodelling, repairing, etc.	—	—	6,277,496
Furnaces, èlectro-metallurgical	No.	39	852,436
Furnaces, warm air	"	88,418	14,295,130
Furnaces, industrial, other	—	—	696,510
Furnaces, not specified, and furnace parts	—	—	1,351,404
Furniture, wood:			
Camp, lawn and verandah	—	—	512,504
Children's	—	—	2,205,202
Household:			
Bedroom	—	—	22,865,989
Breakfast-room	—	—	1,203,267
Dining-room	—	—	4,947,448
Kitchen	—	—	3,965,376
Living-room (not upholstered)	—	—	7,201,936
Other	—	—	3,871,340
Office, store and restaurant	—	—	17,164,581
School, church, lodge, etc.	—	—	6,832,051
Other, furniture and cabinet work, n.e.s.	—	—	5,419,444
Furniture, metal:			
Breakfast-room	—	—	5,435,424
Camp, lawn and verandah	—	—	677,701
Household (including chrome)	—	—	8,128,984
Office, store and restaurant, etc.	—	—	9,248,967
Other, not specified	—	—	6,011,440
Furniture, wood or metal:			
Living-room (upholstered)	—	—	27,481,639
Theatre	—	—	1,092,886
Not specified (upholstered)	—	—	3,767,364
Furniture, not specified:			
Camp, lawn and verandah	—	—	42,674
Not specified	—	—	225,931
Furniture frames and parts:			
Wood	—	—	3,101,219
Metal	—	—	217,945
Not specified	—	—	150,000
Furniture glides	—	—	1
Fuses and fuse wire	—	—	4,392,828
Gaiters, spats and leggings	—	—	101,294
Galvanized ware	—	—	2,145,619
Games, not specified	—	—	1,236,618
Garage equipment, n.e.s.	—	—	2,606,960
Gas made:			
Retort coal gas	M. cu. ft.	13,781,843	
Coke oven gas	"	51,326,888	
Producer gas	"	1,047,589	
Water gas	"	10,067,177	
Other	"	1,263,325	
Gas sold	"	25,959,987	29,087,074
Gas used in own coke or gas plants	"	17,263,382	3,486,934
Gas used in associated metallurgical work	"	31,038,873	5,307,912
Gas, otherwise accounted for, but not sold	"	391,181	209,070
Gas, not accounted for	"	2,583,932	1,490,184
Gas, still, from petroleum refineries	"	17,642,679	8,642,261
Gas, oil, pintsch	—	—	1
Gasoline	imp. gal.	1,845,846,568	300,360,166
Gates	No.	31,138	467,469
Gauges, pressure	—	—	395,837
Gauges, plug, ring, thread, etc.	—	—	371,190
Gears, rubber tired, truck, trailers, etc.	—	—	1,418,451
Gears, transmission	—	—	1
Gelatine	—	—	1

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1951 — Continued

Items	Unit of measure	Quantity	Value
			$
Generators:			
Alternating current	No.	183	15,387,647
Direct current	"	457	862,966
Generators, engine driven	—	—	1
Generator parts	—	—	579,158
Glass, bevelled and polished edge, plates and sheets	—	—	1,356,645
Glass, cut	—	—	909,852
Glass, leaded, including memorial windows	—	—	236,376
Glass, non-shatterable	—	—	10,846,553
Glass, pressed, blown and drawn including bottles, sealers, window, kitchenware, etc.	—	—	36,009,205
Glass vials and chemical glassware	—	—	549,148
Glass products, other, including windshield glass	—	—	2,668,581
Glasses, sun	—	—	1
Gloves and mittens, fabric, dress:			
Cotton, women's	doz. pr.	43,755	572,888
Cotton, children's	" "	3,981	31,052
Rayon and silk, women's and children's	" "	80,563	635,053
Other, including nylon, chamoisette, etc.	" "	54,324	621,656
Gloves and mittens, fabric, work:			
Cotton, men's	" "	691,818	2,349,898
Cotton, women's	" "	14,793	43,773
Not specified	" "	88,930	502,227
Gloves and mittens, fabric, not specified	" "	92,118	598,596
Gloves and mittens, knitted	" "	300,990	2,669,981
Gloves and mittens, leather, dress:			
Men's, lined	" "	84,442	2,399,949
Men's, unlined	" "	34,592	902,699
Women's and children's, lined	" "	32,550	595,959
Women's and children's, unlined	" "	27,555	694,230
Gloves and mittens, leather, work:			
Men's, lined	" "	75,670	1,139,504
Men's, unlined	" "	399,083	5,601,187
Men's, not specified	" "	15,287	108,558
Women's and children's, lined	" "	42,325	509,501
Women's and children's unlined	" "	11,140	92,430
Gloves and mittens, leather, sport (see also, "Sport gloves and mittens, baseball, hockey etc.")	" "	13,632	143,536
Gloves and mittens, fur and fur-lined	" "	1,620	34,050
Gloves and mittens, n.e.s.	" "	28,001	133,757
Gloves, rubber and rubberized	" "	212,101	1,160,240
Glucose	—	—	1
Glue (bone, hide, fish, and vegetable)	lb.	46,650,946	7,924,098
Glue stock	"	33,485,943	513,064
Gluten feed	—	—	1
Gluten, wheat	—	—	1
Glycerine, crude	lb.	2,827,694	1,252,851
Glycerine, refined	"	10,098,721	6,502,379
Glycol, ethylene	—	—	1
Glycols, other	—	—	1
Gold alloys	—	—	6,621,434
Gold, fine	—	—	958,697
Gold leaf	—	—	1
Golf clubs (complete)	No.	189,970	1,130,442
Golf supplies, including golf bags, carts, etc. (see also, "Balls, golf")	—	—	114,594
Grains, roasted	lb.	337,682	13,352
Grains sold wet and dry (Breweries and distilleries)	ton	178,573	2,734,279
Granite, monuments	—	—	2,654,843
Granite, for building purposes	—	—	621,405
Granules, roofing	—	—	1
Grape concentrate	—	—	1
Grape juice (Included in "Fruit juices".)			
Graphite (Included in "Electrodes, carbon and graphite".)			
Grate bars and grating	—	—	648,748
Gravy preparations	—	—	219,333
Grease	—	—	1,081,260
Grease, lubricating	lb.	49,330,954	4,496,896
Grills and hot plates, electric, including stoves for glass coffee-makers	No.	194,060	1,100,113
Grinding machines (metal working)	—	—	202,511
Grinding balls	—	—	3,441,853
Guanidine nitrate	—	—	1
Gums, unvulcanized	lb.	1,196,927	423,289
Gymnasium supplies, not specified	—	—	97,682
Gypsum blocks and sheathing	sq. ft.	5,532,060	230,924
Hair, animal	lb.	5,528,702	3,179,456
Hair cloth	sq. yd.	1,672,890	1,407,154
Hair nets (Included in "Hair dressing equipment and accessories")			
Hair goods, not specified	—	—	79,649
Hair dressing equipment and accessories	—	—	359,296
Halters, leather	No.	34,854	73,737
Hammocks	"	6,080	26,597
Handkerchiefs	doz.	739,005	901,103
Handles, broom and mop	No.	11,393,306	927,707
Handles, long tool and axe	"	2,343,320	1,146,856
Handles, small tool	"	14,431,847	791,698
Handles, n.e.s.	—	—	627,769
Hangers, garment	—	—	1,428,866
Hardware, appliance (for refrigerators, etc.)	—	—	398,031
Hardware, automobile	—	—	8,149,326

1. Indicates that the commodity was reported by one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1951 — Continued

Items	Unit of measure	Quantity	Value
			$
Hardware, builders'	—	—	14,961,726
Hardware, furniture	—	—	2,449,395
Hardware, harness and saddlery	—	—	305,473
Hardware, pole-line (line materials, distribution specialties, etc.)	—	—	8,293,016
Hardware, trunk and suitcase	—	—	343,128
Hardware, not specified	—	—	6,746,103
Harness, double	set	1,475	156,770
Harness, single	"	1,298	69,520
Harness collars	No.	21,782	165,726
Harness parts	—	—	623,035
Harrows, disc (horse or tractor drawn)	No.	51,080	801,053
Harrows, drag and spring tooth	"	20,985	6,001,787
Harrow carts	—	—	1
Hassocks	—	—	272,598
Hat blocks	No.	2,274	39,750
Hats, cotton:			
Men's	doz.	29,491	602,867
Women's	"	5,808	65,130
Children's	"	13,441	90,208
Hats, fur felt:			
Men's	"	107,437	5,258,857
Women's and children's	"	43,605	2,273,178
Hats, linen, women's	"	500	4,400
Hats, wool felt:			
Men's	"	22,097	417,703
Women's	"	97,858	2,618,014
Children's	"	10,978	171,672
Hats, velour felt:			
Women's	"	18,521	1,038,028
Other	"	303	18,180
Hats, straw:			
Men's	"	4,514	123,410
Women's	"	122,642	4,435,064
Children's	"	36,999	208,797
Hats, panama	"	2,870	105,804
Hats, silk and rayon, women's and children's	"	16,198	404,037
Hats, velvet, women's and children's	"	37,726	1,031,091
Hats, wool, women's and children's	"	15,311	311,007
Hats, waterproofed	"	640	9,585
Hats, not specified:			
Men's	"	22,959	160,823
Women's	"	22,286	463,604
Children's	"	80	2,000
Tams, berets and turbans	"	13,712	246,363
Headwear, not specified	—	—	1,284,226
Hats and caps, fur	No.	33,260	129,862
Hats, cleaned and reblocked	—	—	44,302
Hat bodies	doz.	149,634	1,805,415
Hatters' supplies, including hat linings	—	—	282,218
Hay carriers	—	—	1
Hay loaders	No.	6,467	1,119,685
Hay rakes, dump, tedders, etc.	"	16,298	2,497,341
Hay balers	—	—	1
Heading, barrel	—	—	599,663
Hearing aids	—	—	1
Heaters, air, electric	No.	99,929	917,131
Heaters, auto and engine	—	—	4,888,893
Heaters, boiler, feed, water	—	—	1
Heaters, electric, unit	—	—	3,858,253
Heaters, water tank, coal, wood or oil	No.	2,914	137,002
Heaters, water tank, gas	"	31,546	1,499,018
Heaters, water tank, electric	"	258,255	3,481,410
Heaters, not specified	—	—	33,641
Heating and ventilating equipment, not elsewhere specified	—	—	11,363,411
Hectograph composition	—	—	20,465
Heels, leather and wood	pr.	18,485,213	2,548,111
Heels, rubber and composition	"	12,625,465	1,539,132
Heel lifts	—	—	5,133
Helmets	—	—	132,759
Hexaclorethane	—	—	1
Hides, all kinds	—	—	19,996,238
Hockey pucks	doz.	37,673	41,347
Hockey sticks	No.	1,275,231	918,093
Hoes, hand	"	203,967	186,329
Hoists	—	—	4,117,168
Hollow-ware, sterling silver	—	—	414,307
Hollow-ware, silver-plated on Britannia metal	—	—	160,189
Hollow-ware, silver-plated on brass and copper	—	—	1,928,151
Hollow-ware, silver-plated on lead alloy	—	—	111,143
Hollow-ware, silver-plated on nickel-silver	—	—	124,252
Hollow-ware, other	—	—	317,311
Honey butter	—	—	1
Hooks, eyes, notions, etc., not elsewhere specified	—	—	285,380
Hoops, wooden	M.	2,259	76,733
Hoops, steel and steel wire	"	6,115	222,357
Hooves and horns	lb.	1,210,487	34,256
Hormones, sex	—	—	1,255,574
Horseradish, prepared	lb.	218,572	110,173

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1951 – Continued

Items	Unit of measure	Quantity	Value
			$
Horseshoes	–	–	359,967
Hose, fire, cotton or linen	–	–	1
Hose, garden, koroseal	–	–	1
Hose, rubber, fire, radiator, steam etc.	–	–	12,536,307
Hosiery:			
Cotton and cotton mixtures:			
Men's, seamless:			
Work socks	doz. pr.	221,070	832,812
Fine socks	"	270,119	1,488,440
Other (anklets, sports, etc.)	"	407,454	1,886,035
Women's, seamless:			
Full length stockings	"	306,418	1,365,126
Other (anklets, sports, etc.)	"	489,986	1,095,461
Children's, seamless:			
Full length stockings	"	364,678	1,427,310
Golfers	"	77,982	359,516
Other	"	1,311,335	2,816,036
Full fashioned (all types)	"	74,372	710,449
Silk and silk mixtures, seamless and full-fashioned	"	34,147	418,499
Rayon and rayon mixtures:			
Men's, seamless	"	55,791	300,431
Women's, seamless	"	63,616	558,680
Children's, seamless	"	97,885	307,573
Full-fashioned (all types)	"	44,071	406,111
Nylon:			
Seamless	"	503,770	3,754,020
Full-fashioned	"	3,534,583	35,603,764
Wool and wool mixtures:			
Men's, seamless:			
Work socks	"	821,460	6,245,851
Fine socks	"	636,384	5,980,221
Other	"	351,454	3,196,953
Women's, seamless:			
Full length stockings	"	64,904	619,027
Other (anklets, etc.)	"	74,335	365,600
Children's, seamless:			
Full length stockings	"	111,718	721,909
Golfers	"	99,660	609,149
Other (half length, anklets, etc.)	"	76,236	365,344
Not specified	"	167,276	1,204,075
Houses, pre-fabricated	–	–	4,885,133
Humidifiers and air conditioners	–	–	95,261
Hydrants	No.	7,086	986,636
Hydrogen	cu. ft.	112,452,935	410,736
Hydrogen chloride, anhydrous	–	–	1
Hydrogen peroxide	–	–	1
Hydrol	–	–	1
Ice, artificial	ton	916,711	5,375,872
Ice cream (factory)	gal.	24,452,217	40,641,686
Ice cream mix	"	1,097,796	1,838,580
Ice cream sundries	–	–	174,745
Icings and icing paste n.e.s.	–	–	235,061
Implements, hand, n.e.s.	–	–	145,230
Incense	lb.	9,730	14,245
Incubators and other poultrymen's supplies	–	–	654,119
Infants' wear (See also "Knitted Infants' Wear"):			
Bibs	doz.	47,870	104,454
Coats	"	21,278	1,705,046
Dresses	"	74,929	1,020,612
Diapers	"	88,129	220,259
Headwear	"	57,336	341,970
Night gowns	"	31,898	154,926
Rompers	"	41,539	505,213
Sleepers (See also "Children's sleepers")	"	23,530	316,910
Sleeping bags	"	7,555	392,099
Slips	"	2,826	13,234
Not specified	–	–	63,957
Ingots (See "Aluminum", "Steel", "Brass", "Bronze")			
Ink eraser, liquid	–	–	1
Ink, printing and lithographing	lb.	22,051,887	9,088,296
Ink, writing	–	–	288,762
Ink, not specified	–	–	200,189
Insecticides	–	–	3,496,564
Instruments, scientific, n.e.s.	–	–	1
Insulating materials, n.e.s.	–	–	2,789,094
Insulators, porcelain and insulator parts	–	–	7,675,937
Interoffice communication sets, excluding telephone apparatus provided	–	–	197,293
Iron, pig:			
Quantity made	ton	2,552,893	
Quantity sold	"	726,357	36,891,960
Iron and steel products, rolled, n.e.s.	"	42,857	3,716,384
Irons, electric	No.	454,220	3,113,381
Irons, gasoline	–	–	1
Ironers, electric	No.	10,342	895,429
Iron work, ornamental and architectural	–	–	9,614,452
Ironing boards	–	–	96,731
Irrigation equipment	–	–	172,881
Isobutylene	–	–	1

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1951 – Continued

Items	Unit of measure	Quanity	Value
			$
Jacks, auto	–	–	1
Jams	lb.	67,977,737	12,441,497
Javelle water	–	–	5,328,292
Jellies	lb.	5,008,887	971,919
Jewellery	–	–	16,012,399
Jigs and fixtures	–	–	1,375,258
Jointers, woodworking	No.	3,557	151,427
Jute, jute paddings and jute yarn	–	–	1,746,003
Kegs, beer	No.	4,840	83,837
Kegs, fish	"	5,199	16,100
Kegs, nail, etc.	–	–	977,929
Kerosene	imp. gal.	21,943,377	3,519,655
Kettles, electric	–	–	1
Kitchen equipment for hotels, cafeterias, etc.	–	–	3,788,868
Kitchenware, aluminum, including pressure cookers	–	–	9,130,152
Kitchenware and ovenware, glass, (Included with "Glass, pressed and blown")			
Kitchenware, other (See also "Woodenware, kitchen")	–	–	4,642,855
Knitted fabrics:			
Cotton stockinette, including meatwrap	lb.	891,541	1,129,726
Cotton, not specified	"	1,738,084	2,540,127
Nylon	"	711,202	2,848,127
Rayon	–	–	5,151,191
Wool	lb.	369,553	1,401,660
Other	–	–	693,515
Knitted goods, miscellaneous:			
Infants' jackets, booties, etc.	doz.	307,689	3,464,908
Not specified	–	–	290,397
Knitting, custom	–	–	82,443
Knives, machine	–	–	1,781,953
Knives, bread, paring, etc.	–	–	24,964
Labels, gummed paper	–	–	471,124
Labels, fabric	–	–	1,197,892
Labels, not specified	–	–	106,996
Lace, all kinds	–	–	927,404
Laces, corset	–	–	67,600
Laces, shoe (silk, cotton, etc.)	–	–	1,071,710
Laces, shoe, leather	doz. pr.	5,262	6,447
Lacquers	imp. gal.	2,162,162	6,957,635
Lacrosse sticks	–	–	1
Lactose (see "Sugar of Milk")			
Ladders, step, extension, etc.	–	–	1,344,556
Lamps, incandescent, except therapeutic (bulbs)	No.	94,006,324	12,176,899
Lamps, fluorescent (bulbs)	"	5,262,530	3,252,267
Lamps, electric:			
Floor:			
Incandescent	–	–	2,259,856
Fluorescent	–	–	414,430
Table:			
Incandescent	–	–	2,359,690
Fluorescent	–	–	243,214
Other:			
Incandescent	No.	139,102	287,764
Not specified	–	–	133,176
Lamps, other than electric	–	–	2,136,028
Lamp shades and wire frames	–	–	744,400
Lamp stands and lamp bases	–	–	1
Lanterns, including railway, marine, etc.	lb.	87,307,769	19,083,429
Lard	–	–	1,173,022
Lasts, trees, and shoe findings, not specified	–	–	1
Latex compounds			
Latex, foamed (Included in "Rubber goods, sponge and soft")			
Lathes, metal-working	No.	381	1,701,222
Lathes, wood-working	"	2,414	60,025
Lath, metal	–	–	1,184,968
Lath, gypsum	sq. ft.	228,645,066	6,553,202
Laths, wood	M.	107,409	1,066,161
Lead, naphthenate	–	–	1
Lead, refined	lb.	51,125,593	10,049,095
Lead, red	"	3,640,177	815,996
Lead, white, dry	–	–	1
Lead, white, ground in oil	lb.	1,715,746	374,048
Lead, sheet	"	5,093,889	1,258,184
Lead products, n.s.	–	–	639,284
Lead for pencils	–	–	104,505
Leather:			
Belting	lb.	457,369	824,616
Bag, case and strap	sq. ft.	2,570,106	1,700,106
Garment	"	1,498,648	542,650
Glove	–	–	5,864,780
Harness	lb.	1,306,310	1,107,836
Lace	"	151,863	224,704
Oil tanned, shoe-pack	"	217,901	86,496
Sole:			
Bellies	"	2,242,017	1,107,442
Bends	"	8,307,057	6,468,438
Shoulders	"	3,220,217	1,888,746
Upholstering (Included in "Leather, not specified")			

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1931 — Continued

Items	Unit of measure	Quantity	Value
			$
Leather — concluded			
Upper leather:			
Calf skins	sq. ft.	6,386,704	5,416,216
Cattle and horse hides	"	35,035,740	19,246,932
Chrome splits	"	10,051,457	2,240,114
Goat skins	"	695,578	277,952
Sheep skins	"	1,143,290	330,893
Wax splits	"	344,525	99,333
Patent and enamelled shoe leather (Included in "Other upper leather, not specified")			
Other, not specified	"	3,898,661	1,848,979
Leather splits, not specified	—	—	1,053,864
Leather, not specified	—	—	3,517,555
Leather, artificial	sq. yd.	4,012,071	5,208,790
Leather goods, not specified	—	—	86,517
Lecithin	—	—	1
Lemon butter and cheese	—	—	49,168
Lenses, optical	No.	3,385,630	3,291,512
Lenses, optical, contact	—	—	19,900
Life buoys, jackets, belts, etc.	—	—	220,436
Lighter fluid	—	—	587,701
Lighters, cigarette	No.	575,682	1,702,227
Lightning arresters n.e.s.	—	—	943,893
Lightning rods and supplies	—	—	377,366
Lignosulphonates	—	—	1
Lime, quick (including value of containers)	—	—	14,705,639
Limestone (building and monument)	—	—	2,329,437
Line material (See "Hardware, pole-line")			
Linings, brake, asbestos	—	—	3,016,627
Linings, glove and shoe	—	—	1,824,697
Linings, not specified	—	—	915,480
Litharge	lb.	13,324,539	2,738,899
Locomotives, diesel-electric, new	No.	267	41,893,150
Locomotives and car parts n.e.s.	—	—	14,751,541
Looms, weaving	—	—	64,097
Lubricating systems, automobile and other	—	—	1,068,467
Lumber, matched	M. ft. b.m.	266,009	24,484,538
Lumber, planed	"	2,566,214	216,958,904
Lumber, sawn	"	5,311,997	365,780,466
Lumber, not specified	—	—	8,292,725
Lye	—	—	1
Macaroni and spaghetti, canned	lb.	29,649,275	4,020,369
Macaroni, vermicelli, spaghetti, etc., dry	"	69,464,678	8,020,007
Machinery:			
Accounting machines	—	—	1
Adding and other calculating	No.	19,277	2,271,763
Bakers', mixing	—	—	606,202
Bakers', not elsewhere specified	—	—	780,854
Boring (metal-working)	No.	9	229,233
Bottlers'	—	—	1
Canning and parts	—	—	1,223,476
Cheese factory	—	—	131,074
Chlorinating	—	—	1
Cleaning and pressing (Included in "Laundry, cleaning and pressing")			
Coal handling and coal pulverizing	—	—	989,716
Concrete and cement making	—	—	1,812,343
Conveying and elevating (except passenger and freight elevators) and parts	—	—	11,590,583
Dairy, including milking machines	—	—	3,389,493
Flour and grist mill, not elsewhere specified	—	—	274,969
Grain grinding, cleaning, etc.	—	—	205,246
Grain loaders and elevators	—	—	2,818,840
Hoisting, except mine hoists	—	—	7,333,721
Kitchen and other household	—	—	1,455,400
Knitting	—	—	1
Laundry, cleaning and pressing	—	—	2,703,658
Leather working	—	—	1,579,408
Logging	—	—	3,079,409
Lumber and shingle drying	—	—	1
Metal-working, not elsewhere specified	—	—	36,129
Metering (power plant)	—	—	1
Milking (included in "Machinery, Dairy")			
Milling (metal-working)	—	—	1
Mining and metallurgical, not elsewhere specified, and parts	—	—	5,769,673
Office, n.e.s.	—	—	9,068,989
Oil refining	—	—	4,484,056
Plastics	—	—	245,189
Printing	—	—	373,995
Pulp and paper	—	—	18,886,588
Road and excavating	—	—	4,947,810
Rolling mill	—	—	660,002
Rubber mill	—	—	890,968
Saw and planing mill	—	—	3,046,828
Sewing	—	—	1
Ships' and fittings	—	—	1,038,863
Stone working	—	—	865,731
Textile, n.e.s.	—	—	440,353
Transmission	—	—	2,428,832
Vulcanizing	—	—	1

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1931 — Continued

Items	Unit of measure	Quantity	Value
			$
Machinery — concluded:			
Washing machines:			
Electric	No.	225,100	25,021,074
Hand	"	382	6,672
Other power	"	11,254	1,418,720
Parts and accessories	—	—	568,414
Water softener equipment	—	—	1
Wood-working, n.e.s.	—	—	840,127
Other, not specified	—	—	10,722,167
Machinery parts, not specified	—	—	2,084,415
Malt, made for sale	—	—	1
Malt, caramel (made for colouring)	—	—	1
Malt flour	lb.	882,527	86,915
Malt extract and syrup	—	—	1,044,578
Malt coomings and sprouts	ton	9,709	297,846
Manganese naphthenate	—	—	1
Mantles, lamp	—	—	1
Manure spreaders and loaders	No.	8,978	2,322,804
Maple butter	—	—	1
Maps	—	—	709,411
Marble chips and dust	—	—	4,784
Marble monuments	—	—	619,383
Marble for building purposes	—	—	562,769
Margarine	lb.	108,351,572	35,220,018
Marine and fishermen's supplies	—	—	502,083
Markers, animal, poultry, etc.	—	—	1
Marmalades	lb.	17,484,211	2,870,570
Match splints and match blocks	—	—	1
Matchers (wood-working)	—	—	1
Matches	—	—	4,230,664
Mats and matting, rubber	—	—	3,409,530
Mattresses, including air and sponge	No.	1,086,254	16,579,619
Meal, alfalfa	ton	38,259	2,008,903
Meal, barley	"	17,954	1,202,080
Meal, cereal grass	"	10,655	752,203
Meal, cocoanut oilcake	—	—	1
Meal, corn	ton	5,702	690,740
Meal, fish	"	56,461	7,823,817
Meal, linseed oilcake	"	63,185	4,705,664
Meal, meat, hoof, lung, liver, etc.	"	21,082	2,517,795
Meal, rapeseed oilcake	—	—	1
Meal, pea	lb.	16,000	798
Meal, rice	—	—	1
Meal, rye	ton	382	37,527
Meal, sunflower oilcake	—	—	1
Meal, soybean oilcake	ton	178,399	13,295,231
Meats, canned:			
Beef:			
Spiced beef	lb.	953,365	498,624
Beef stews and boiled dinners	"	17,328,050	5,316,227
Other including corned beef, beef sausage, roast beef, etc.	"	3,276,105	1,411,391
Pork:			
Spiced pork and ham	"	20,662,129	11,878,690
Roast pork and ham	"	6,166,491	4,790,803
Sausage	"	1,431,441	751,595
Other including bacon, devilled ham, pigs' feet, etc.	"	2,111,468	1,524,933
Poultry	"	1,397,519	1,265,166
Miscellaneous:			
Weiners	"	837,710	432,772
Meat paste (Included in "Paste, meat and chicken")			
Meat lunch	"	429,392	218,960
Other, including bologna, lunch tongue, etc.	"	6,367,129	2,665,539
Meats, cooked, all kinds	"	46,664,576	29,603,688
Meats, cured:			
Bacon and sides	"	75,794,952	42,331,068
Beef, salted and cured	"	3,292,120	1,386,401
Hams	"	48,250,840	29,674,290
Pork, salted	"	20,000,328	5,152,737
Shoulders	"	45,009,567	24,582,886
Other	"	32,112,602	14,668,974
Meats sold fresh:			
Beef	"	551,384,502	288,139,201
Fancy meats	"	44,966,068	14,657,121
Horse	"	11,898,267	1,041,981
Mutton and lamb	"	17,954,100	10,105,099
Pork	"	281,545,620	118,505,879
Poultry	"	24,414,687	13,141,032
Veal	"	60,435,146	32,790,126
Other	"	492,297	265,795
Meats sold frozen:			
Beef	"	22,193,568	11,279,557
Fancy meats	"	8,300,166	2,698,572
Horse	"	5,850,358	515,267
Mutton and lamb	"	4,279,258	2,250,392
Pork	"	29,290,307	11,636,374
Veal	"	3,785,682	2,134,641
Other	"	23,234	13,240
Meat scrap	"	77,855,191	4,236,007

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1951 — Continued

Items	Units of measure	Quantity	Value
			$
Medicines and pharmaceuticals, n.e.s.:			
Registered as patent medicines (all ingredients not declared)	—	—	16,284,750
Ethical specialties (ingredients declared):			
Sold on physician's prescription	—	—	21,392,767
Sold without a physician's prescription	—	—	9,016,758
Other, including human medicines, antiseptics, etc.	—	—	5,821,930
Metal products, not specified	—	—	758,287
Meters, gasoline	—	—	1
Meters, water	—	—	1
Meters, not specified and meter parts	—	—	460,285
Methyl hydrate, refined	—	—	1
Mica products	—	—	504,303
Military web equipment	—	—	1
Milk, sold in dairy factories	gal.	151,201,266	104,844,637
Milk, transferred to other branches of the firm	"	10,105,066	3,613,612
Milk, buttermilk, sold	—	—	1,248,236
Milk, buttermilk, condensed	lb.	345,369	11,731
Milk, condensed	"	19,540,005	3,574,578
Milk, evaporated	"	290,441,772	36,442,170
Milk, skim	—	—	1,660,039
Milk, skim, condensed	lb.	6,282,688	614,685
Milk, skim, evaporated	"	10,322,871	441,560
Milk products, not specified	"	12,788,142	2,798,477
Milk drinks, (see "Food Drinks")			
Milling cutters	—	—	1,317,787
Mincemeat	lb.	6,964,832	1,162,876
Mine timbers, props, wedges, etc.	—	—	1,762,926
Mirrors	—	—	3,828,670
Modelling clay	—	—	1
Molasses	ton	45,110	1,970,647
Monuments, lettered only	—	—	472,112
Monuments, (see "Granite", "Limestone" and "Marble")			
Monuments, artificial stone, bases, etc.	—	—	266,454
Mops:			
Floor	doz.	222,470	1,579,595
Dust	"	50,643	491,771
Dish	"	41,366	58,761
Other, not specified	—	—	275,484
Mop parts	—	—	69,709
Mortisers (wood working)	No.	91	32,501
Motors, electric, A.C. and D.C. (except starting motors)	"	1,671,713	40,904,526
Motors, other and parts	—	—	3,251,940
Moulders, wood-working	No.	50	238,917
Mouldings	—	—	9,750,270
Moulds for bakelite and rubber	—	—	4,423,727
Mounting (trade work)	—	—	1,489,392
Mowers, hay (horse and tractor)	No.	16,540	2,617,253
Mowers, lawn	"	45,839	1,210,510
Mucilage	—	—	113,968
Muffs, fur	No.	848	18,479
Muff beds	doz.	705	18,874
Munitions and other war supplies	—	—	15,940,288
Muriate of potash	ton	992	56,225
Music, printed	—	—	133,053
Musical instruments and parts, n.e.s.	—	—	97,796
Mustard, dry	lb.	256,936	71,320
Mustard, prepared	gal.	938,195	1,238,171
Mustard, compound	lb.	149,105	35,293
Nails, aluminum	—	—	481,986
Nails, brass and copper:			
Quantity made	lb.	358,633	—
Quantity sold	"	348,238	178,255
Nails and spikes cut from plate:			
Quantity made	keg	27,260	—
Quantity sold	"	25,281	288,954
Nails, tacks and brads, wire:			
Quantity made	keg	1,880,712	—
Quantity sold	"	1,834,420	14,341,666
Nails, horseshoe and other, n.e.s.	—	—	223,820
Naphthalene	—	—	1
Naphtha V.M. and P. or solvent	imp. gal.	35,498,165	6,556,842
Napkins, paper	M.	2,213,040	2,529,744
Neckties	doz.	826,592	7,149,842
Neckwear, women's	"	62,827	492,094
Neck pieces, fur	No.	43,139	866,451
Needles, knitting machine	—	—	1
Needles, knitting, other	—	—	66,021
Nickel salts	—	—	1
Nickel — silver, n.e.s.	lb.	136,490	111,625
Nightdresses:			
Cotton and flannelette	doz.	74,777	1,404,509
Silk, nylon and rayon	"	111,923	2,663,002
Night dresses, knitted and other, n.e.s.	"	24,758	865,802
Nightshirts	"	2,733	55,298
Nitrobenzol	—	—	1
Nitrogen	—	—	1
Nitroguanidine	—	—	1
Nitrous oxide	—	—	1

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1931 – Continued

Items	Units of measure	Quantity	Value
			$
Non-ferrous alloys, n.e.s.	lb.	750,569	198,598
Novelties, advertising and other, n.e.s.	–	–	1,061,371
Novelties, plastic	–	–	1,179,595
Novelties, printed	–	–	1,279,405
Nuts, roasted, salted, etc. (See also "Peanuts, roasted, salted")	lb.	2,224,669	2,391,301
Nylon fabric (See "Silk and synthetic fabrics" and "Knitted fabrics")			
Oars and paddles	–	–	171,864
Oats, rolled	ton	51,720	8,041,412
Oatmeal	"	8,543	781,155
Offal, not specified	–	–	4,483,160
Oil burners and parts	–	–	11,904,819
Oilcloth, other than floor	–	–	1
Oil, aniline	–	–	1
Oil, cocoanut, crude and processed	lb.	50,428,644	10,032,999
Oil, cooking (blended)	–	–	1
Oil, core	–	–	766,856
Oil, corn, crude	–	–	1
Oil, corn, refined	–	–	1
Oil, cotton seed	lb.	2,669,237	768,286
Oil, creosote	gal.	12,080,269	3,147,354
Oil, fish (vitamin)	lb.	8,810,193	2,169,075
Oil, fish (industrial)	"	56,711,413	7,956,171
Oil, fish, n.s.	"	327,947	36,897
Oil fuel:			
Aviation turbine	imp. gal.	8,105,524	1,212,969
Diesel	" "	262,883,649	31,535,848
Heavy fuel oil:			
For own use	" "	155,976,098	12,643,201
For sale	" "	827,216,938	65,223,370
Light fuel oil:			
For own use	" "	9,821,716	821,942
For sale	" "	512,815,319	62,259,507
Tractor	" "	17,111,937	2,801,124
Oil, fusel, (sold)	" "	43,638	28,220
Oil, lard	–	–	1
Oil, light n.e.s.	–	–	1
Oil, linseed, boiled	gal.	857,123	1,711,608
Oil, linseed, raw	"	4,111,330	6,866,661
Oil, linseed, special	"	4,718,771	7,919,065
Oil, lubricating	–	–	33,700,416
Oil, neatsfoot	lb.	577,311	144,625
Oil, oleo	"	2,056,991	393,174
Oil, palm and palm kernel	"	2,999,420	680,615
Oil, peanut	"	1,102,667	395,528
Oil, rapeseed	–	–	1
Oil, soybean	lb.	76,760,744	17,334,804
Oil, stand blown, enamel, etc.	imp. gal.	81,148	88,880
Oil, blended salad	–	–	1
Oil, stove	imp. gal.	256,642,575	34,960,229
Oils, sulphonated, textile oils and other textile chemicals	lb.	6,163,156	1,232,801
Oil, sunflower seed	"	6,608,473	1,769,179
Oil, vegetable, n.e.s.	"	25,158,456	6,851,239
Oils, other n.s.	–	–	2,011,524
Oleo stock	lb.	1,435,049	258,769
Olives, bottled, etc.	gal.	381,492	1,875,042
Optical equipment n.e.s.	–	–	61,500
Organs, pipe	No.	66	874,304
Organs, other, and parts	–	–	801,345
Ornaments, n.s.	–	–	694,543
Ovens, commercial, cooking	–	–	1
Ovens, industrial, electric	–	–	261,957
Overalls: (See also "Smocks, etc.")			
Bib:			
Men's and youths'	doz.	119,313	4,490,292
Boys'	"	19,162	382,428
Coveralls:			
Men's and youths'	"	45,657	2,604,740
Boys'	"	140	5,490
Dungarees and waist band:			
Men's and youths'	"	123,858	4,009,985
Boys'	"	65,608	1,400,915
Overall coats (jumpers) only	"	21,686	864,788
Smocks, dusters and shop coats	"	26,679	1,083,917
Children's, all kinds	"	221,303	3,299,879
Other, n.e.s.	"	374	7,361
Oxygen	cu. ft.	794,054,423	6,893,420
Packing, asbestos	–	–	592,004
Packing, rubber	lb.	1,355,194	524,549
Packing, not specified	–	–	1,301,401
Packing house equipment	–	–	73,191
Pads, electric, heating	No.	128,780	496,286
Pads, couch	"	11,345	103,713
Pads, shoulder	doz.	2,051,409	1,886,276
Pads, stamp	–	–	99,893
Pads, stair	–	–	1
Pads, sweat	–	–	50,329
Pads and padding, n.s.	–	–	1,617,317
Pails, paper	No.	11,619,619	349,276
Pails, tin	–	–	579,277

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1951 — Continued

Items	Units of measure	Quantity	Value
			$
Pails and tubs, wooden, etc.	—	—	24,403
Painting equipment, n.s.	—	—	1,553,451
Paint, varnish and enamel removers	gal.	112,991	305,225
Paints, cement	"	18,383	42,190
Paints, water-thinned:			
Resin emulsion paints, paste and semi-paint form:			
Interior	imp. gal.	994,505	3,570,329
Exterior	"	20,107	60,523
Casein and other protein bound, (cold water paints):			
Interior	—	—	532,427
Exterior	—	—	185,349
Texture-type water paints	lb.	1,760,247	149,205
Calcimines:			
Hot Water	"	2,023,323	137,694
Cold Water	"	775,940	62,642
Paints, ready mixed (including asphalt and tar)	imp. gal.	11,118,369	41,618,375
Paints, paste (not including water-paste paints)	lb.	5,301,980	1,181,285
Paints and enamels, other (See also "Enamels")	—	—	833,885
Pallets (skids)	No.	276,557	787,170
Panel boards and cabinets (Included in "Switch gear and protective equipment")			
Pants, breeches, etc:			
Breeches:			
Men's and youths':			
Cotton	"	1,045	38,794
Wool and wool mixtures	"	3,846	307,676
Boys':			
Cotton	"	950	25,018
Wool and wool mixtures	"	16,636	486,527
Pants and slacks, fine, separate, dress and sport:			
Men's and youths':			
Cotton or chiefly cotton	"	109,713	262,188
Rayon	"	518,173	2,591,678
Rayon mixtures, chiefly rayon	"	625,187	3,052,110
Wool	"	1,123,211	10,465,052
Wool mixtures, chiefly wool	"	376,475	2,236,314
Boys':			
Cotton or chiefly cotton	"	198,600	477,270
Rayon	"	192,898	651,782
Rayon mixtures, chiefly rayon	"	241,001	632,661
Wool	"	339,406	1,235,684
Wool mixtures, chiefly wool	"	301,158	792,237
Pants, soccer, hockey, etc.	"	30,740	126,535
Pants, uniform, separate:			
Men's and youths':			
Military	"	605,258	2,915,969
Non-military	"	106,138	1,147,328
Pants, work:			
Men's and youths':			
Cotton	doz.	198,873	6,455,469
Wool and wool mixtures	"	47,847	2,489,741
Not specified	"	2,511	69,653
Boys':			
Cotton	"	25,447	590,822
Wool and wool mixtures	"	8,735	260,657
Pants, baby (plastic, rubber, etc.)	"	238,588	598,804
Pants, rubberized and oiled	"	1,268	56,041
Pants, not specified	"	36,682	435,017
Paper:			
Adding machine and cash register	roll	7,743,513	363,039
Asbestos	—	—	[1]
Blotting, clay coated and enamelled	—	—	[1]
Blue print and photostat	—	—	1,518,941
Book (basic)	ton	96,667	21,921,056
Box cover, coloured	—	—	[1]
Writing pads, tablets, etc.	—	—	1,246,687
Building and roofing paper:			
Asphalt saturated rag and asbestos felt shingles and shingle type sidings	square	2,186,097	16,142,256
Mineral surfaced rag and asbestos felt roll roofing	"	919,062	3,524,240
Smooth surfaced rag and asbestos roll roofing	"	1,237,756	3,051,542
Roll type rag and asbestos felt siding	"	323,119	1,504,050
Tar and asphalt saturated rag and asbestos felts, not coated	ton	49,509	5,082,124
Tar and asphalt saturated and / or coated sheathings	"	16,113	2,258,249
Other felts and sheathings	—	—	170,126
Insulated siding	—	—	[1]
Building papers, n.s.	ton	91,589	7,907,360
Carbon	—	—	3,103,078
Cigarette tubes and paper	—	—	[1]
Coated paper and other n.e.s.	—	—	6,958,642
Corrugated (paper and wrappers)	—	—	[1]
Creped or crinkled	lb.	2,336,775	728,136
Fabric	—	—	[1]
Fine (basic)	ton	106,355	33,984,331
Foolscap, n.e.s.	—	—	153,629
Friction or flint glazed	—	—	[1]
Gummed (in sheets)	—	—	[1]
Special, industrial (basic)	ton	12,140	3,279,845
Lining, pan, shelf, etc.	—	—	449,244
Parchment, vegetable	—	—	[1]

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1951 — Continued

Items	Units of measure	Quantity	Value
			$
Paper — concluded			
Oiled	—	—	1
Paper napkins and doilies (see "Napkins" and "Doilies")			
Newsprint paper: (basic)			
In sheets, for printing	ton	74,340	9,164,457
In rolls for printing	"	5,435,813	550,459,676
Side runs for pulping	"	47,901	4,426,046
Counter rolls	—	—	1
Other	ton	13,494	1,228,220
Printing and specialty paper, ground wood	"	50,059	7,884,872
Safety paper, for cheques, etc.	—	—	1,009,684
Sanitary (basic)	ton	76,577	16,734,137
Tissue, converted	—	—	696,138
Tissue, other than sanitary, (basic stock)	ton	13,006	4,840,593
Toilet, converted	case	1,340,776	10,582,379
Towels, paper (see "Towels")			
Typewriter	ream	310,523	287,131
Vinylite	—	—	1
Wall paper	—	—	1
Waterproofed, other than waxed, n.e.s.	—	—	1
Waxed paper:			
Bread wrappers	lb.	32,516,023	6,744,504
Other, plain and printed	"	41,937,400	9,421,803
Wrapping paper: (basic stock):			
Unbleached sulphate kraft No. 1 and 2	ton	202,484	35,773,452
Bleached sulphate and / or sulphite	"	26,265	7,362,157
Unbleached and semi-bleached sulphite and sulphate	"	3,726	832,349
Miscellaneous furnishes	"	16,986	2,821,537
Wrapping, special	"	7,871	2,874,510
Paper, miscellaneous, n.e.s. (converted)	—	—	1,093,564
Paper goods	—	—	768,406
Paper board:			
Box board (basic stock)	ton	438,621	51,792,954
Building, rigid insulating	"	138,024	14,459,668
Building, other (basic sto ck)	"	49,146	5,736,755
Container board:			
Container chip (basic stock)	"	5,813	623,634
Corrugating board (basic stock)	"	152,801	17,926,975
Liners (basic stock)	"	223,226	26,965,789
Mounting board, photo, etc.	—	—	1
Clay coated and enamelled	—	—	1
Coated other, not specified	—	—	4,131,733
Wallboard, building board, n.e.s.	—	—	2,935,947
Wet machine boards	ton	8,737	1,632,305
All other board and paper n.s.	—	—	1,196,008
Papeteries (stationery in boxes) See also "Paper — writing pads, tablets, etc.")	—	—	602,820
Parachutes and parachute equipment	—	—	1
Paraldehyde	—	—	1
Paste, adhesive	—	—	640,258
Paste, meat and chicken	lb.	4,591,194	2,414,689
Paste, flavouring	—	—	1
Paste, tooth (see "Dentifrices")			
Patterns and models, foundry and other, wood and metal	—	—	3,057,606
Patterns, paper	—	—	1,314,634
Peanut butter	lb.	23,062,837	7,192,586
Peanuts, roasted and salted (for sale) (See also "Nuts, salted, etc.")	"	19,938,183	7,079,658
Pearls, artificial and simulated	—	—	611,621
Peas, split	ton	2,118	375,105
Peavies, cant hooks and pike poles	—	—	404,798
Pectin (see also "Apple juice concentrate")	—	—	1
Pencils, non-mechanical	gr.	578,761	2,336,575
Pencils, mechanical	"	7,526	694,248
Pencil parts	"	10,008	15,888
Penicillin	—	—	1
Penicillin preparations	—	—	4,435,545
Pennants	—	—	154,440
Pens, fountain and ball point	doz.	626,096	5,365,742
Pens, fountain, ball point and other, parts	—	—	435,699
Pentasol acetate	—	—	1
Perchlorethylene	—	—	1
Percolators, electric	No.	21,276	206,843
Perfumes	—	—	1,196,040
Periodicals, printed by publishers:			
Newspapers daily:			
Gross revenue from advertising	—	—	85,283,429
Subscriptions and sales	—	—	33,209,247
Newspapers, weekly and other:			
Gross revenue from advertising	—	—	20,325,020
Subscriptions and sales	—	—	10,663,148
Magazines:			
Gross revenue from advertising	—	—	10,187,703
Subscriptions and sales	—	—	4,872,822
Other publications:			
Gross revenue from advertising	—	—	24,936,658
Subscriptions and sales	—	—	9,589,677
Phenol	—	—	1
Phenacetin	—	—	1

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1951 — Continued

Items	Units of measure	Quantity	Value
			$
Phonographs, electrically operated (Included with "Record players — electrically operated")			
Phosphorus	—	—	1
Phosphorus sequisulphide	—	—	1
Photo-engraving	—	—	9,036,357
Photographic materials, n.e.s. (Including photo paper)	—	—	2,573,335
Photography (Commercial)	—	—	690,505
Phthalic anhydride	—	—	1
Pianos:			
Grand	No.	114	116,745
Upright	"	5,459	1,981,460
Piano strings and other parts	—	—	732,713
Pickets, wood	M.	5,886	536,072
Pickles, relishes and sauces (see also "Tomato Catsup")	gal.	4,941,635	9,825,367
Pictures, framed	—	—	778,474
Pictures and mirror frames	—	—	695,034
Pies, cakes and pastry (see also "Puddings, cakes, etc., canned")	—	—	64,745,925
Pies, meat	—	—	1,126,086
Piling, sheet	—	—	1
Pillow cases (Included in "Sheets and pillow cases, cotton")			
Pillows	No.	568,149	1,500,512
Pins, plain and hair pins	—	—	1,356,012
Pipe and fittings, brass, bronze and copper	—	—	322,969
Pipe and fittings, cast iron, soil	ton	35,094	8,797,863
Pipe and fittings, cast iron, water	"	107,214	12,008,024
Pipe and fittings, cast iron, other	"	13,867	4,364,717
Pipe, lead	lb.	4,654,227	1,260,456
Pipe and fittings, malleable iron	ton	10,156	6,845,044
Pipe, sewer, clay	—	—	2,195,838
Pipe, sewer and culvert, cement	—	—	8,923,916
Pipe, culvert, n.e.s.	—	—	7,093,826
Pipe, steel, rivetted and welded	ton	6,247	1,783,724
Pipe and fittings, steel, n.e.s.	—	—	33,082,788
Pipe and tubing, copper	—	—	1
Pipes, furnace and stove	—	—	2,652,215
Pipes, wooden	—	—	1
Pipes and fittings, other, n.s.	—	—	221,407
Pipes, tobacco	doz.	9,156	99,591
Piston rings, automobile	No.	24,493,944	3,363,233
Pistons, automobile, and piston ring expanders	—	—	3,691,268
Pitch	ton	112,141	3,875,498
Planers, metal-working	—	—	1
Planers, wood-working	No.	515	398,552
Planing, custom	M.ft. b.m.	707,403	5,337,649
Planters, corn	No.	3,133	342,496
Plastics, primary (see "Synthetic resins")			
Plate and tank work, steel, miscellaneous	—	—	11,810,354
Plate, black, not specified	—	—	8,746,963
Plates, sheets and strips, brass, copper, etc.	lb.	55,792,953	23,443,468
Plates, all kinds, including boiler and other sheared plates	ton	183,994	17,977,171
Plates, metal, license, name, etc.	—	—	2,371,019
Plates, forks and spoons, paper	—	—	380,312
Plating, galvanizing salts	—	—	1
Platinum, refined and other platinum products	—	—	687,043
Play ground, track and field equipment	—	—	49,623
Ploughs, agricultural:			
Disc	No.	4,425	2,041,159
Harrow ploughs, one-way discs, tiller combines	"	23,102	8,819,419
Mouldboard	"	38,202	6,748,242
Walking	"	1,140	28,342
Other	—	—	122,674
Ploughs, snow	—	—	723,697
Plugs, wooden	—	—	330,624
Plumbers' supplies, not elsewhere specified (Brass, copper, etc.)	—	—	14,233,626
Plywood	M. sq. ft.	585,144	48,860,569
Poison, gopher and rat	—	—	191,457
Polish, furniture	—	—	769,445
Polish, metal	—	—	232,463
Polish, shoe	—	—	1,058,440
Polish, stove	—	—	71,950
Polishes and waxes, floor	—	—	8,678,289
Polishes and dressings, automobile	—	—	341,742
Polishes for harness	—	—	3,053
Polishes and dressings, n.s.	—	—	256,284
Polishers, floor, electric and other	—	—	2,513,257
Polishing mitts and cloths	doz.	11,039	11,167
Popcorn	lb.	2,853,394	1,455,612
Polymer feed stocks	—	—	1
Post cards, printed	—	—	716,384
Posts, steel, fence	ton	6,236	666,775
Posts, other	—	—	13,710
Posthole diggers	—	—	1
Potassium chlorate	—	—	1
Potato chips, (factory made)	lb.	9,153,045	5,186,105
Potato pickers	—	—	1
Pot holders and oven mitts	—	—	61,303
Pot scourers	—	—	538,744
Pottery, glazed and unglazed	—	—	374,016

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1951 — continued

Items	Units of measure	Quantity	Value
			$
Pottery from imported clay	—	—	127,133
Poultry (see "Meats")			
Powder, baking	lb.	9,436,441	2,152,143
Powder, buttermilk	"	5,428,087	542,551
Powder, cream	—	—	1
Powder, custard	lb.	759,176	320,505
Powder, egg	"	576,998	966,171
Powder, food drinks	"	2,208,918	1,022,887
Powder, ice cream	"	1,648,574	768,305
Powder, jelly	"	13,280,058	4,722,918
Powder, whole milk	"	17,404,094	6,032,881
Powder, malted milk	—	—	1
Powder, skim milk	lb.	51,931,068	7,486,020
Powder, pie filling	"	4,856,399	1,323,150
Powder, pudding	"	9,515,160	2,776,959
Powder, whey	"	7,785,903	899,821
Powder, edible, n.s.	"	981,183	546,107
Powder, bronze, iron and aluminum	—	—	1,890,664
Powder, sachet	—	—	145,903
Powder, talcum and face	—	—	2,879,271
Power units	—	—	1
Precious metal salts	—	—	1
Press cloths	—	—	1
Presses, tennis and badminton racquet	No.	21,510	15 310
Presses, baling	—	—	284,578
Presses, hydraulic, and other power	—	—	1,505,496
Pressure cookers (Included under "Kitchenware, aluminum")			
Printing, not elsewhere specified:			
Circular letters	—	—	1,648,492
General, for trade	—	—	1,733,344
Custom printing, (Paper supplied by customer)	—	—	2,238,266
Private and personal	—	—	1,919,653
Blue prints and photostats	—	—	1,036,977
Box covers, coloured	—	—	221,839
Periodicals printed for publishers	—	—	21,737,681
Other printed matter, menus, statements, bank notes, programmes, etc. (see also "Advertising matter")	—	—	15,827,322
Printing and painting on textile fabrics	—	—	1,945,863
Propane	—	—	1,607,638
Propellers and shafts	—	—	1
Publications, subscriptions and sales (see "Printing and Periodicals")			
Puddings, cakes, etc., canned and other	—	—	705,140
Puffs, powder	—	—	242,098
Pulleys, wood and other	—	—	523,536
Pulpers and slicers	—	—	1
Pulp, fruit (see "Fruit pulp")			
Pulpstones, artificial	—	—	1
Pulpwood (produced in Sawmills)	cds.	278,561	7,762,303
Pulp chips	—	—	8,573,240
Pulp, wood:			
Ground wood:			
Quantity made	s. ton	5,172,465	—
Quantity sold	" "	429,175	32,187,351
Sulphate:			
Quantity made	" "	1,216,907	—
Quantity sold	" "	778,949	140,829,138
Sulphite, bleached:			
Quantity made	" "	847,160	—
Quantity sold	" "	766,268	135,645,696
Sulphite unbleached:			
Quantity made	" "	1,697,672	—
Quantity sold	" "	660,779	97,156,697
Screenings:			
Quantity made	" "	130,211	—
Quantity sold	" "	48,200	1,533,240
Other:			
Quantity made	" "	250,434	—
Quantity sold	" "	43,903	6,479,124
Pulverizers, soil	—	—	1
Pumps:			
Centrifugal	—	—	6,970,414
Cistern and pitcher	No.	39,330	313,351
Deep well	"	1,636	155,420
Rotary	—	—	1,074,003
Sump	—	—	987,732
Vacuum	—	—	567,667
Steam	No.	2,557	1,423,607
Other power pumps	—	—	1,057,986
Gasoline dispensing pumps	No.	6,612	2,998,356
Hand pumps	—	—	26,368
Household water systems	No.	35,185	3,474,810
Pump jacks	—	—	173,664
Pumps and pump parts, n.e.s.	—	—	1,487,944
Punching machines	—	—	1
Purses, pocket-books and folders	No.	2,090,171	1,918,932
Putty and fillers, n.e.s.	lb.	11,031,986	807,415

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1951 — continued

Items	Unit of measure	Quantity	Value
			$
Pyjamas:			
Cotton and flannelette	doz.	297,522	6,776,241
Rayon and rayon mixtures	"	33,007	887,201
Not specified	"	53,596	1,518,666
Pyridine	—	—	1
Pyrometers	—	—	1
Pyrotechnics and fireworks	—	—	1
Quilted goods and quilts	—	—	2,279,351
Racquets, tennis, badminton and squash	No.	46,505	201,445
Radar equipment (see also "Radio communication equipment")	—	—	202,848
Radiators, automobile	—	—	5,265,398
Radiator and boiler compounds	—	—	181,598
Radiators, heating, concealed type	sq. ft.	9,558,748	5,095,534
Radiators, heating, stapding type	" "	6,461,554	4,007,318
Radiators and parts, heating, n.s.	—	—	129,064
Radio communication equipment	—	—	16,389,262
Radio sets, tubes and accessories	—	—	48,447,556
Rail anchors	—	—	1
Rails, iron or steel:			
Quantity made	ton	257,244	—
Quantity sold	"	254,911	19,910,580
Rail frogs, switches and other track equipment	—	—	12,246,565
Railway car coach fittings, bearings, etc.	—	—	986,686
Rakes, hand	—	—	1
Rayon fabrics (See "Silk and synthetic fabrics" and "Knitted fabrics")			
Razor blades	No.	196,957,752	3,403,814
Razors, safety, electric and other	"	1,088,813	2,438,092
Recorders, time	—	—	1
Recorders, wire or tape	—	—	1
Record albums	—	—	160,648
Records, phonograph	No.	13,105,431	6,519,125
Record players, electrically operated	"	59,929	1,412,974
Rectifiers for storage battery charging and parts	—	—	634,734
Refractories:			
Cement, high temperature	—	—	796,656
Firebrick from domestic clay	—	—	620,429
Firebrick from imported clay	—	—	1,306,433
Other	—	—	5,184,236
Refrigerators and refrigeration equipment, n.e.s.			
Household, mechanical, complete, (electric and gas)	No.	277,836	54,524,690
Household, ice refrigerators:			
Metal	"	3,638	164,370
Wood	"	814	26,238
Commercial, wood	—	—	242,745
Steel cabinets for mechanical refrigerators	No.	60,970	1,258,838
Fixtures:			
Display cases, commercial	"	2,133	1,349,339
Display cases, other	"	610	389,563
Reach-ins, all sizes	"	2,819	1,085,445
Walk-in coolers	"	349	234,480
Refrigerator parts	—	—	664,233
Refrigeration equipment n.e.s.	—	—	1,154,936
Regalia, n.e.s.	—	—	1,837,302
Registers, cash	—	—	1
Registers and grills, air	—	—	1,864,897
Regulators, temperature	—	—	1
Remedies, stock and poultry	—	—	1,794,168
Rennet (Included in "Colours, butter, cheese and other")			
Repair gums and fabrics	lb.	636,643	888,981
Repair kits	No.	654,448	122,643
Repair patches, tire and tube	"	4,236,232	824,662
Resin film and resin film products	—	—	9,019,949
Resins, vinyl acetate	—	—	1
Ribbons	—	—	2,878,052
Rice, brewers'	—	—	1
Rice, cleaned, etc.	—	—	1
Rifles and shot guns	—	—	1
Rings, fruit jar, rubber	—	—	1
Rings, fruit jar, zinc	—	—	1
Rockwool	—	—	7,926,859
Rods, copper wire	—	—	1
Rods, iron and steel, wire:			
Quantity made	ton	318,266	—
Quantity sold	"	122,514	9,695,144
Roll covering, rubber	lb.	45,770	94,454
Rollers, land and land packers	—	—	482,504
Rollers, printers'	—	—	591,357
Rolls, rubber covered	No.	258,702	1,619,489
Rolls, bending and straightening	—	—	1
Roofing, aluminum, steel, sheet metal	—	—	5,024,282
Roofing preparations, n.e.s.	—	—	453,021
Rope:			
Manilla	lb.	6,905,784	3,446,503
Sisal	"	6,827,067	2,754,913
Jute and hemp	"	277,035	142,806
All other	"	573,731	579,582
Rubber, reclaimed, dispersions and other	—	—	1
Rubber and rubber goods, hard	lb.	623,600	694,317

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Alphabetical List of Products Manufactured in Canada, 1951 — continued

Items	Unit of measure	Quantity	Value
			$
Rubber coverings, linings, etc.	lb.	580,335	1,124,946
Rubber goods, moulded	"	2,473,387	2,169,862
Rubber goods, plumbers'	—	—	1,825,299
Rubber goods, sanitary, n.e.s.	doz.	599,122	155,349
Rubber goods, soft and sponge (including foamed latex)	—	—	4,399,194
Rubber automotive and aeroplane parts	lb.	7,478,758	4,105,193
Rubber goods, not specified	—	—	1,364,956
Rubber thread	—	—	1,614,997
Rubber, synthetic	lb.	139,578,244	34,647,665
Rugs, automobile	No.	131,785	590,132
Rules, steel	—	—	1
Rules, wooden	—	—	231,792
Ruling (printing plants)	—	—	598,668
Runners and centres, table	—	—	381,255
Rust preventatives and removers	—	—	718,285
Saddles	No.	1,771	115,779
Saddle parts	—	—	14,568
Safes, vaults and fittings	—	—	2,377,845
Sails	No.	3,363	177,450
Salt, including value of containers	—	—	9,201,265
Salt, curing	lb.	3,260,396	468,416
Sanders (woodworking)	No.	322	83,626
Sandwich relish and spread (see also "Paste, meat and chicken")	lb.	3,926,670	1,288,727
Sanitary ware	—	—	16,388,507
Sash, doors and other mill work	—	—	60,154,474
Sash, steel, brass, etc.	—	—	3,384,489
Sauces, catsups and relishes (see "Tomato catsup, pickles, relishes, etc.")			
Sauerkraut, canned	lb.	8,040,993	600,062
Sausage, casings	—	—	8,012,251
Sausage, fresh or cured	lb.	76,735,427	35,584,933
Sawdust and waste, sold	—	—	1,183,246
Sawing, lumber, custom	—	—	274,644
Saws, all kinds	—	—	12,215,762
Saw parts and saw benches	—	—	1,409,476
Scales	—	—	3,105,388
Scarves	—	—	3,141,033
School supplies, not specified	—	—	62,352
Scientific equipment, not specified	—	—	1,522,849
Scissors and shears	—	—	53,714
Scrap, aluminum	lb.	1,952,152	333,033
Scrap, brass, bronze and copper	—	—	949,394
Scrap, iron and steel	—	—	647,031
Screenings, barley, etc.	ton	52,403	2,346,946
Screens, window	—	—	137,348
Screen, industrial	—	—	767,409
Screens, projection	—	—	1
Screens, n.e.s.	—	—	311,579
Screws and screw machine products	—	—	17,508,793
Scufflers	No.	3,055	65,858
Scythes and snaths	—	—	144,646
Seals	—	—	271,160
Seasonings, dry and liquid	—	—	1,374,743
Seaweed, processed	—	—	1
Seed boxes for one-way discs etc.	No.	8,078	1,061,465
Shades, window, shade cloth and fittings:			
Ordinary shades and blinds	—	—	2,175,147
Venetian blinds, all kinds	—	—	5,701,583
Shade cloth, rollers, etc.	—	—	615,033
Shakes, processed and stained	—	—	909,992
Shapers, metal-working	No.	300	265,527
Shapers, wood-working	"	279	20,572
Sharpeners, pencil	—	—	1
Sharpening stones and files	—	—	285,897
Shawls	—	—	1
Shearing machines, metal working	—	—	1
Sheet forms, commercial etc., printed	—	—	37,322,201
Sheeting, cotton (See "Cotton fabrics")			
Sheets and pillow cases, cotton	—	—	6,635,883
Sheets, crib, cotton	—	—	1
Sheets and sheeting, plastic, rubber and waterproofed	—	—	659,217
Sheet ironware, n.e.s.	—	—	1
Sheet metal building materials, n.e.s.	—	—	3,482,398
Sheet metal products	—	—	408,598
Sheets, aluminum	—	—	1
Sheets, hoops, bands and strips, iron and steel (rolled and drawn)	—	—	108,177,361
Sheets, steel, corrugated only	—	—	971,199
Shellac	—	—	575,540
Shields, dress	doz.	59,183	155,346
Shims, railroad and other	—	—	139,623
Shingle bands	M.	19,105	156,506
Shingles, asbestos	—	—	802,187
Shingles, wooden	square	2,982,385	27,977,556
Shipbuilding and repairs	—	—	91,852,926
Shirts, fine:			
Cotton	doz.	661,707	18,630,624
Silk, rayon and nylon	"	78,467	3,168,282
Shirts for formal wear	"	1,922	94,263

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Alphabetical List of Products Manufactured in Canada, 1951 — continued

Items	Unit of measure	Quantity	Value
			$
Shirts, work:			
Cotton	doz.	353,073	8,261,558
Wool and wool mixtures	"	50,359	1,799,260
Not specified	"	15,125	362,105
Shirts, sport, men's, youths' and boys'	"	345,586	9,801,053
Shirts, sweat, jerseys, etc.	"	19,393	422,065
Shirts, T—Shirts	"	322,538	3,726,167
Shirts, not specified	"	34,497	578,584
Shock absorbers, automobile	—	—	1
Shoddy, mungo and wool extract (see "Wool or part wool, reworked or reprocessed")			
Shoe materials, proxylin coated (Included in "Fabrics, coated and impregnated")			
Shoe trimmings	—	—	195,630
Shoe uppers and tops	pr.	67,627	278,842
Shooks, box	M. ft. b. m.	100,957	10,466,762
Shortening:			
Containing animal fat and marine oil	lb.	70,249,888	20,341,020
Wholly vegetable	"	51,101,334	15,695,284
Shortening substitute	—	—	1
Shorts and middlings	ton	506,643	29,163,548
Shovels, hand	No.	76,369	100,853
Shovels, power	—	—	2,304,221
Shuttlecocks, badminton	—	—	1
Signal systems (traffic, fire, alarms, etc.)	—	—	1,820,468
Signs, electric, gas, neon and other luminous	—	—	6,442,466
Signs, metal, etc.	—	—	1,488,817
Silicon carbide, crude	ton	70,282	9,913,060
Silico manganese, silico spiegel, etc. (included in "Ferro-alloys")			
Silk and synthetic fabrics, broadwoven:			
All silk mixtures containing silk	yd.	283,468	452,772
All continuous filament synthetic yarn:			
Rayon (See also "Knitted fabrics")	"	73,220,505	48,669,891
Nylon (See also "Knitted fabrics")	"	6,964,405	6,865,143
Spun rayon and spun rayon mixtures	"	20,213,716	16,620,156
Mixtures of continuous filament rayon and spun rayon	"	6,177,393	6,766,437
Mixtures of continuous filament rayon and cotton	"	3,240,940	3,179,082
Mixtures of spun rayon and cotton	"	1,156,663	1,514,335
Mixtures of rayon and wool	"	2,883,920	5,270,667
Other synthetic mixtures	"	1,274,376	1,224,164
Silk screen printing	"	—	1
Silos	—	—	1
Silver alloys	—	—	841,500
Silver, fine	—	—	1,472,756
Silver, sterling, melted, rolled, etc.	—	—	3,489,181
Size	—	—	1,422,102
Skates, ice	pr.	548,328	1,025,138
Skates, roller	"	40,751	98,342
Skewers, n.e.s.	—	—	1
Skiis	pr.	48,041	149,449
Skis, poles and fittings	—	—	153,444
Skins, calf	No.	465,846	3,437,237
Skins, sheep	—	—	3,203,962
Skins, pickled	No.	349,656	602,178
Skins, dressed (excluding raw)	—	—	2,746,451
Skips and cages (mining and metallurgical)	—	—	144,458
Skirts:			
Cotton	No.	622,965	1,395,250
Rayon and rayon mixtures	"	1,266,586	4,137,777
Woollen	"	746,470	3,561,975
Other	"	54,436	263,286
Slabs and edgings	cord	854,944	3,023,731
Sleighs, baby	No.	32,039	85,505
Sleighs, children's	"	147,499	364,347
Sleighs, dog	"	710	13,966
Sleighs, horse-drawn, etc.	"	1,217	188,345
Slicers, meat and bread	—	—	1
Slippers: (See also "Footwear, felt")			
Babies'	pr.	31,935	31,345
Boys'	"	76,645	118,517
Children's, including little gents	"	280,729	329,481
Men's	"	732,579	1,810,091
Misses'	"	262,366	321,395
Women's and growing girls'	"	1,527,587	2,526,817
Youths'	"	24,003	30,586
Slippers, Indian:			
Babies'	"	20,806	20,399
Boys'	"	15,455	22,395
Children's, including little gents	"	196,606	193,652
Men's	"	111,572	283,744
Misses'	"	257,814	294,935
Women's and growing girls'	"	1,260,514	1,867,329
Youths'	"	7,337	8,439
Slippers, not specified	—	—	228,167
Smelter and refinery products	—	—	861,315,930
Smocks, women's	—	—	1,127,257
Smoke breeching	—	—	203,221
Smoker sets and smokers' supplies, n.e.s.	—	—	645,399
Smokestacks, steel	—	—	343,300
Snow shoes	—	—	63,841

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Alphabetical List of Products Manufactured in Canada, 1951 — continued

Items	Unit of measure	Quantity	Value
			$
Snowmobiles and parts	—	—	1
Snow removal equipment	—	—	1,435,866
Soap:			
Castile	lb.	1,653,709	291,519
Household and laundry (bars)	"	24,939,862	3,455,483
Household and laundry (chips and flakes)	"	23,131,850	4,193,415
Liquid, not specified	—	—	1,471,614
Polishing or scouring	lb.	850,139	102,708
Powder	"	85,109,704	13,870,454
Soft	"	2,124,295	276,223
Textile and mill	"	4,582,569	677,056
Toilet, (bars and liquid)	"	35,815,408	10,526,983
Shaving, including shaving creams	"	1,739,619	2,168,133
Hand soap and pastes, mechanics'	"	2,981,890	424,384
Hard, all other	"	1,724,139	214,331
Not specified	—	—	1,085,422
Soap stock	lb.	4,782,347	294,581
Sodium azide	—	—	1
Sodium benzoate	—	—	1
Sodium carbonate	—	—	1
Sodium carboxymethyl cellulose (See "carboxel")			
Sodium chlorate	—	—	1
Sodium cyanide	—	—	1
Sodium hydroxide	lb.	305,354,290	8,824,140
Sodium hypochlorite	—	—	1
Sodium fluoride	—	—	1
Sodium metabisulphite	—	—	1
Sodium metasilicate	—	—	1
Sodium phosphate, monosodium, disodium, trisodium and tetrasodium	—	—	1
Sodium pyrophosphate	—	—	1
Sodium silicate	—	—	1
Sodium sulphate and sulphite	—	—	1
Sodium thiosulphite	—	—	1
Sodium tripolyphosphate	—	—	1
Solder	lb.	11,873,951	7,409,623
Soling, rubber:			
Rubber and composition soles	pr.	4,691,253	1,686,634
Rubber and composition half-soles	"	783,312	225,747
Soling and slabs for heels	lb.	9,555,825	2,489,971
Soles, tap and other, leather	—	—	1,196,700
Soles, felt and other (insoles)	—	—	868,325
Soup, canned (excluding infants' soups)	lb.	201,587,022	32,669,022
Soup, dehydrated	"	630,654	483,109
Soup mixtures	"	7,395,001	5,244,407
Soup filler or cracker meal	"	1,635,928	154,094
Soya bean products, n.e.s.	—	—	1
Spades and shovels	No.	945,118	1,544,945
Spark plugs	"	20,986,731	6,049,973
Speed reducer units	—	—	1,317,731
Spice compound	lb.	457,070	226,091
Spices, mixed, whole or ground	"	4,041,076	4,255,726
Spikes, railway	—	—	2,142,668
Spikes, other	—	—	173,006
Spinning, custom	—	—	3,972,226
Spinning wheels	No.	1,656	19,934
Spirits, produced during the year but placed in bond for maturing:			
Whiskey	pf. gal.	8,734,892	7,394,174
Neutral spirits, grain	" "	8,169,262	7,083,578
Neutral spirits, molasses	" "	99,491	84,316
Other beverage spirits	" "	609,825	956,351
Spirits, beverage, sold outside the Distilling Industry:			
Whiskey, Highland type	" "	301,894	2,429,698
Whiskey, rye type	" "	9,058,044	73,357,551
Whiskey, other types	" "	25,504	220,509
Gin	" "	907,346	5,009,318
Brandy	" "	29,953	260,912
Rum	" "	265,895	1,974,226
Other beverage spirits	" "	212,589	1,201,771
Sponges, cellulose	—	—	1
Spools, bobbins and shuttles	—	—	1,937,766
Sport gloves and mitts	—	—	1,017,372
Sporting goods, not specified	—	—	373,204
Spraying and dusting machines and equipment, including hand sprayers	—	—	1,423,014
Springs, automobile, chassis	—	—	7,745,041
Springs, bed:			
Box	No.	68,857	1,734,368
Coil	"	50,384	130,306
Cable	"	99,449	642,059
Link	"	60,372	694,722
Slat	"	205,126	2,178,276
Bed, n.e.s.	"	18,019	194,452
Springs (upholstering) and constructions for automobiles and trucks	—	—	7,043,729
Springs, upholstering, other	—	—	1,980,803
Springs for cars and locomotives	—	—	1,375,481
Springs, n.e.s.	—	—	4,309,925
Squares, hardwood	M. f. b. m.	20,047	2,214,116
Stabilizers, ice cream, etc.	lb.	84,941	65,663
Stains	imp. gal.	429,840	1,146,842

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1951 — Continued

Item	Unit of measure	Quantity	Value
			$
Stampings, metal, n.s.	—	—	10,974,501
Stamps, rubber	—	—	873,628
Stamps, postage, revenue, etc.	—	—	1,059,153
Stamps, not specified	—	—	321,612
Staples, wire	kegs	34,992	309,034
Starch, corn, edible	—	—	1
Starch, corn, laundry	—	—	1
Starch and flour, potato	ton	4,692	645,463
Starch, wheat	—	—	1
Starch, blended	—	—	1
Starch, n.e.s.	—	—	1
Stationery goods, not specified	—	—	727,669
Statues, art goods and church supplies	—	—	1,318,105
Staves, barrel	—	—	1,237,752
Steam traps, etc.	—	—	687,535
Stearine	lb.	802,684	118,902
Steel erected (structural work):			
Bridges	ton	26,232	8,126,117
Buildings	—	—	54,407,705
Transmission towers	ton	8,805	2,339,923
Other	"	18,900	4,980,263
Steel shapes, structural (angles, channels, tees, etc.):			
Quantity made	"	232,464	—
Quantity sold	"	227,653	22,513,824
Steel and alloy steel ingots:			
Quantity made	"	3,447,132	—
Quantity sold	"	179,060	11,250,598
Steel, miscellaneous	—	—	20,939,776
Steel wool	—	—	1
Stellite	—	—	1
Steepwater	—	—	1
Stencils	—	—	320,025
Stockinette (see "Knitted fabrics")			
Stocking dryers	—	—	24,201
Stokers, mechanical	—	—	1,366,999
Stoker parts	—	—	339,417
Stone, artificial	—	—	1,548,732
Stone, building	—	—	241,204
Store fixtures, n.e.s.	—	—	181,519
Stoves:			
Coal, wood or sawdust	No.	173,460	8,589,670
Solid fuel or oil with electric or gas combination	"	17,194	2,527,691
Electric stoves or ranges, all styles	"	135,071	21,202,553
Electric rangettes	"	38,397	1,436,013
Gasoline, fuel oil or kerosene stoves or ranges (cooking)	"	120,345	4,545,410
Gasoline, fuel oil or kerosene stoves or space-heaters (heating)	"	78,991	3,765,895
Plates, gas, cooking	"	1,883	24,434
Other stoves and parts including cafeteria, restaurant, etc.	—	—	2,408,254
Straps, leather	doz.	131,800	251,021
Straws, drinking	M	650,676	357,424
Streptomycin	—	—	1
Streptomycin preparations	—	—	319,533
Strings, racquet	—	—	51,128
Styrene	—	—	1
Sugar butter	lb.	2,924,477	604,882
Sugar, granulated:			
Beet	"	241,000,699	113,680,370
Cane	"	872,969,313	
Sugar, brown or yellow	"	125,937,231	12,091,030
Sugar, icing (starch added)	"	56,035,931	6,343,129
Sugar, invert	—	—	1
Sugar, loaf	lb.	10,932,536	1,388,531
Sugar, maple (Factory made)	—	—	1
Sugar of milk	—	—	1
Sugar, pulverized (no starch added)	lb.	3,561,475	392,897
Sugar, n.e.s.	"	—	48,692
Suits: (see also "Clothing, suits, sport")			
Boys':			
Rayon	No.	25,885	292,240
Rayon and wool, chiefly rayon	"	50,997	519,398
Rayon and wool, chiefly wool	"	32,429	356,300
Wool	"	100,702	1,085,765
Not specified	—	—	8,621
Children's:			
Cotton	No.	25,908	61,532
Silk and rayon	"	17,284	93,314
Wool	"	10,184	79,847
Playsuits and wash suits, n.s.	doz.	76,191	920,256
Not specified	No.	1,476	2,190
Men's and youths':			
Rayon	"	101,921	2,172,482
Rayon and wool, chiefly rayon	"	25,466	583,590
Rayon and wool, chiefly wool	"	111,555	3,246,196
Wool	"	1,321,472	49,625,259
Women's and misses':			
Cotton	"	7,084	79,380
Linen	"	10,185	126,774
Silk and rayon	"	245,631	3,536,299

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1951 — Continued

Item	Unit of measure	Quantity	Value
			$
Suits: (See also "Clothing, suits, sport") — Concluded			
Women's and misses' — Concluded:			
Wool	No.	502,506	13,336,297
Not specified	"	40,514	1,501,261
Suits and dresses, women's and children's knitted see ("Dresses, wool knitted")			
Suits, slack:			
Boys':			
Cotton and other	"	3,332	33,431
Men's and youths':			
Cotton	"	7,774	55,430
Other	"	39,561	530,009
Suits, uniform:			
Men's and youths':			
Military	"	43,973	998,751
Non-military	"	75,080	3,253,962
Sulphonamide	—	—	893,228
Superheaters	—	—	1
Superphosphate	—	—	1
Surfacers, wood-working	No.	384	108,707
Surgical and orthopaedic appliances and surgical dressings:	—	—	1
Surgical bandages and dressings	doz.	45,287	806,283
Surgical belts	—	—	228,349
Surgical stockings, elastic	pr.	209	6,741
Orthopaedic corsets	No.	1,082	214,581
Artificial limbs	—	—	357,472
Foot easers, arch supports, knee caps etc.	No.	45,196	198,503
Trusses	—	—	576,638
Other surgical supports	—	—	351,140
Surgical instruments and orthopaedic appliances, not specified	doz.	364,645	1,576,476
Suspenders, supporters and garters	No.	10,317	5,023,658
Swathers	doz.	1,009,572	25,110,283
Sweaters, jackets, etc.	—	—	573,874
Sweeping compounds	—	—	35,178,766
Switch gear and protective equipment (except telephone switch-boards)	—	—	34,842,521
Synthetic and plastic products, n.e.s.	doz.	23,664	123,482
Syringes, fountain and attachments	—	—	1
Syrup, corn	gal.	1,342,487	3,354,274
Syrup, fountain, fruit, etc.	—	—	1
Syrup, maple (factory made)	—	—	486,904
Syrup, table	—	—	973,882
Syrups from cane, not including molasses	gal.	4,154,154	8,037,404
Syrups for soft drinks (for sale)	—	—	21,838
Syrups, other	—	—	247,450
Syrup making equipment (maple)	—	—	604,222
Table cloths and napkins (fabric)	doz.	58,405	595,708
Table cloths, plastic	—	—	563,384
Tableware, plastic	—	—	3,341,545
Tableware, pottery	M	2,849,434	753,185
Tacks, cut, wire	—	—	18,240,854
Tags and labels, shipping	—	—	2,756,462
Tags and tickets, price	—	—	2,881,685
Tailors' supplies, n.e.s.	lb.	82,670,816	9,933,277
Tallow	ton	18,969	1,600,381
Tankage, animal	—	—	14,071,510
Tanks, steel, storage, black, galvanized, etc.	—	—	3,068,235
Tanks, pressure, n.e.s.	—	—	613,084
Tanks, steel, pneumatic	—	—	299,462
Tanks, steel, septic	—	—	5,034,055
Tanks, other, not specified	—	—	1
Tanners' bate	—	—	1
Tape, adhesive	lb.	1,977,185	1,604,622
Tape, rubber and friction	"	22,229,521	4,547,046
Tape, paper, gummed	—	—	1
Tape, telegraph	—	—	3,103,936
Tapes, fabric	—	—	1
Tapes, measuring, steel, etc.	—	—	8,248,026
Tapestries and other upholstering materials	—	—	1
Tapioca	imp. gal.	40,512,373	4,692,817
Tar, coal, crude	" "	4,377,223	791,552
Tar, refined	lb.	1,032,920	82,427
Tar from petroleum refineries	—	—	1
Targets, clay	lb.	44,217,639	42,449,472
Tea, blended, etc.	—	—	40,255,317
Telephone material	—	—	13,266,775
Television equipment	No.	94	210,300
Tenoners, wood-working	—	—	765,477
Tents	—	—	2,529,782
Textile and leather specialties, n.e.s.	—	—	1
Thermometers, all kinds	—	—	1
Thickeners, mining and metallurgical	imp. gal.	2,006,844	2,921,189
Thinners, pyroxylin	—	—	11,339,594
Thread, cotton	—	—	1,099,255
Thread, rayon, silk etc.	—	—	57,137,686
Threshers and combine reaper-threshers and attachments	No.	6,184,389	10,882,000
Ties, wooden	—	—	2,542,923
Tile, asphalt	M	27,961	1,570,518
Tile, drain (from domestic clay)	—	—	90,897
Tile, floor (from domestic clay)			

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1951 — Continued

Items	Unit of measure	Quantity	Value
			$
Tile, floor and wall (from imported clay)	—	—	1
Tile, gypsum	—	—	1
Tile, hollow blocks including fireproofing and load-bearing tile	ton	195,184	3,168,239
Tile, haydite and other haydite products	—	—	1
Tile, plastic	—	—	778,878
Tile, other, not specified	—	—	360,155
Tiling and flooring, rubber	lb.	9,195,488	2,459,376
Tin alloys	—	—	1
Tin	lb.	357,859	449,531
Tinned plate and scrap	ton	7,826	273,805
Tinsel garlands and ribbons	—	—	1
Tinware, japanned or not	—	—	587,030
Tire braids, auto	—	—	1
Tire fabrics	lb.	31,705,148	25,836,355
Tires and tubes:			
Balloon, casings	No.	4,891,979	146,607,082
High pressure casings	"	1,882	27,619
Balloon and high pressure inner tubes	"	3,598,720	11,428,669
Aeroplane tires	"	3,388	262,807
Aeroplane tubes	"	1,213	9,025
Bicycle tires	"	514,326	744,990
Bicycle tubes	"	488,533	328,971
Implement and tractor tires	"	590,932	14,190,316
Implement and tractor tubes	"	602,079	2,261,670
Industrial tires	"	20,805	251,837
Motorcycle tires	"	9,625	107,680
Motorcycle tubes	"	9,639	21,847
Other rubber tires, n.e.s.	—	—	324,042
Tires, railway car	—	—	1
Tissues, cleansing, paper	—	—	1
Toasters, electric	No.	242,067	1,548,378
Tobacco:[2]			
Chewing, cut and twist	lb.	182,712	353,107
Chewing, plug	"	1,416,210	2,914,525
Smoking, leaf	"	85,676	63,986
Smoking, cut	"	27,563,550	64,326,411
Smoking, plug	"	446,189	936,643
Snuff	"	873,652	2,217,542
Stems and cuttings	—	—	19,800
Tobacco, raw leaf, processed	lb.	111,551,981	62,693,707
Tobacco curing equipment	—	—	261,497
Tobacco pouches	—	—	41,118
Toboggans	—	—	395,597
Toilet preparations, n.e.s.:			
Bath salts and bath oils	—	—	383,862
Brilliantine, solid	—	—	69,655
Compacts (powders and rouge)	—	—	57,360
Creams, solid or liquid, all kinds	—	—	2,980,758
Home permanent wave kits	—	—	1,994,942
Rouge and lipsticks	—	—	1,307,633
Shampoos and hair rinses	—	—	2,551,605
Bay rum, hair tonics, brilliantine liquid	—	—	2,947,829
Toilet water and lotions	—	—	4,168,804
All other	—	—	3,521,434
Toiletware, silver and brass	—	—	720,733
Toluene	—	—	723,298
Tomato catsup, canned	lb.	3,607,847	497,538
Tomato catsup, other	"	34,466,204	8,937,329
Tomato juice	"	119,271,660	10,953,713
Tomato paste and puree	"	19,235,780	2,795,583
Tomato pulp	"	3,313,062	172,037
Tools, carpenters' and mechanics' other than portable pneumatic and electric tools	—	—	4,365,525
Tools, machine, n.e.s.	—	—	3,640,043
Tools, small, cutting	—	—	5,603,561
Tools, n.e.s.	—	—	4,876,048
Toothpicks	—	—	109,461
Toppings for ice cream and cake	—	—	1,089,626
Towels, all kinds	doz.	1,598,325	7,107,595
Towels, sanitary, all kinds	—	—	6,908,705
Towels, paper	case	796,296	3,310,231
Toys:			
Metal	—	—	2,115,921
Plastic	—	—	3,631,757
Rubber	doz.	97,023	480,038
Wooden	—	—	928,127
Miscellaneous, including model aeroplanes	—	—	2,347,086
Tractors	—	—	15,880,459
Trade work, n.e.s. (printing plant)	—	—	2,289,846
Trailers:			
Cabin or house type	—	—	1,596,150
Commerical (except logging)	—	—	7,915,853
Logging	—	—	1,395,068
Not specified	—	—	644,974
Transfers, paper, decalcomania	—	—	1,565,659
Transfers, paper, dry	—	—	164,546
Transformers	—	—	47,155,181
Transformer parts	—	—	1,339,956
Transmission towers, electric (see "Steel erected")			

1. Indicates that the commodity was reported by only one or two concerns.
2. Includes excise taxes.

Alphabetical List of Products Manufactured in Canada, 1951 — Continued

Items	Unit of measure	Quantity	Value
			$
Traps and fittings, lead	lb.	1,254,931	537,821
Traps, mouse and rat, etc.	—	—	1
Trays, food	—	—	316,964
Trichlorethylene, refined	—	—	1
Trimmings, not specified	—	—	547,765
Trophies	—	—	343,998
Troughs, water	—	—	1
Trucks, factory and other hand trucks	—	—	2,956,309
Trucks, farm	—	—	1
Trucks, other n.e.s.	—	—	251,622
Trunks, all kinds	No.	107,413	1,198,339
Tubes, collapsible	—	—	1
Tubes, vacuum, x-ray tubes	—	—	1
Tubing, brass, bronze and aluminum	—	—	4,864,339
Tubing, plastic	—	—	1
Tubing, rubber	lb.	422,084	268,314
Tubing, steel	—	—	18,155,503
Tubing and wristing, knitted	—	—	935,277
Tubs, laundry, aluminum	—	—	48,510
Tubs, laundry, cement	No.	36,467	389,503
Turbines and water wheels	—	—	10,705,719
Turpentine	—	—	1
Twine and cordage:			
Baler twine, all sisal	lb.	16,232,020	4,232,450
Binder twine, all sisal and chiefly sisal	"	65,934,456	13,710,121
Other twine, all sisal	"	5,090,219	1,887,864
Other twine, all hemp and all flax	"	229,697	218,384
Other twine, all jute	"	1,751,145	831,296
Other twine and cordage, not specified	—	—	5,965,948
Type and type metal	lb.	8,592,650	2,377,489
Typesetting (trade composition)	—	—	4,531,327
Typewriters	—	—	7,734,959
Typewriter ribbons	—	—	1,379,899
Typewriter parts n.s.	—	—	51,841
Umbrellas	doz.	39,552	1,165,813
Undertakers' supplies, n.s.	—	—	586,291
Underwear knitted, or, of knitted fabrics:			
Men's and youths':			
Combinations:	doz.	253,402	6,375,030
Cotton or chiefly cotton	"	1,691	27,571
Rayon or chiefly rayon	"	62,344	2,593,223
Wool or chiefly wool			
Shirts:	"	346,174	3,912,236
Cotton or chiefly cotton	"	3,573	29,462
Rayon or chiefly rayon	"	32,576	1,309,318
Wool or chiefly wool			
Drawers:	"	112,675	2,103,906
Cotton or chiefly cotton	"	13,053	584,525
Wool or chiefly wool			
Shorts:	"	352,480	2,551,362
Cotton or chiefly cotton	"	26,114	222,146
Other	"	6,229	49,186
Not specified			
Boys':			
Combinations:	"	91,634	1,432,076
Cotton or chiefly cotton	"	3,374	75,080
Wool or chiefly wool			
Shirts:	"	60,668	416,311
Cotton or chiefly cotton			
Drawers:	"	13,708	122,538
Cotton or chiefly cotton			
Shorts:	"	65,421	317,962
Cotton or chiefly cotton	"	7,603	52,191
Not specified			
Women's and misses':			
Combinations:	"	46,204	308,135
Cotton or chiefly cotton	"	5,485	36,123
Rayon or chiefly rayon	"	1,453	32,708
Wool or chiefly wool			
Drawers:	"	901	14,121
Wool or chiefly wool			
Bloomers, panties, etc.:	"	244,356	1,499,759
Cotton or chiefly cotton	"	61,861	573,548
Nylon	"	950,778	4,816,558
Rayon or chiefly rayon	"	15,783	386,211
Wool or chiefly wool			
Vests:	"	154,694	1,033,438
Cotton or chiefly cotton	"	36,777	238,782
Rayon or chiefly rayon	"	13,019	277,668
Wool or chiefly wool	"	82,142	470,299
Other, n.e.s.			
Girls':			
Combinations:	"	4,038	54,899
Cotton or chiefly cotton			
Bloomers, panties, etc.:	"	331,708	946,996
Cotton or chiefly cotton	"	103,513	269,265
Rayon or chiefly rayon	"	7,283	120,422
Wool or chiefly wool			

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1951 — Continued

Items	Unit of measure	Quantity	Value
			$
Underwear knitted, or, knitted fabrics — Concluded:			
Girls' — Concluded:			
Drawers:			
Cotton or chiefly cotton	doz.	14,843	71,010
Vests:			
Cotton or chiefly cotton	"	74,053	358,088
Rayon or chiefly rayon	"	1,823	7,291
Wool or chiefly wool	"	1,035	15,712
Not specified	"	331	2,910
Children's and infants':			
Combinations:			
Cotton or chiefly cotton	"	22,084	137,351
Other	"	733	9,506
Drawers and panties:			
Cotton or chiefly cotton	"	189,968	693,354
Rayon or chiefly rayon	"	10,149	44,180
Wool or chiefly wool	"	1,792	25,157
Vests:			
Cotton or chiefly cotton	"	202,792	1,095,334
Rayon or chiefly rayon	"	12,901	45,905
Wool or chiefly wool	"	13,133	151,666
Underwear, woven fabrics:			
Men's and youths':			
Shorts:			
Cotton	"	128,850	830,292
Not specified	"	1,495	27,453
Women's and misses':			
Bloomers, panties, etc.:			
Cotton or chiefly cotton	"	9,947	50,998
Rayon or chiefly rayon	"	137,576	661,254
Nylon or chiefly nylon	"	15,867	173,299
Not specified	"	167	1,339
Children's:			
Bloomers, panties, etc.:			
Cotton or chiefly cotton	"	37,927	76,733
Rayon or chiefly rayon	"	34,006	99,600
Other	"	168	2,119
Not specified	"	23,619	75,293
Underwear, not specified:			
Men's and boys'	"	53,985	221,260
Women's and misses'	"	228	1,312
Children's	"	279	7,952
Not specified	"	36,191	492,855
Underslips:			
Rayon	"	377,714	6,417,855
Rayon mixtures	"	93,882	1,796,607
Cotton	"	52,703	735,220
Nylon	"	51,271	1,458,024
Not specified	"	103,213	2,480,729
Uniforms, cotton, nurses', maids', etc.	—	—	2,216,638
Uniforms, military (See "Jackets, "Pants" and "Suits")			
Uniforms, other (See also "Pants, uniform" and Suits, uniform")	—	—	234,784
Upholstering materials, (see Tapestries")			
Valves, brass and bronze	—	—	5,018,875
Valves, iron	—	—	5,981,262
Valves, steel	—	—	4,215,083
Valves, tire	—	—	1
Valves, not specified	—	—	1,842,245
Varnishes	—	—	10,672,958
Vaults, burial, cement and other	—	—	273,074
Vegetables, canned:			
Asparagus	lb.	3,057,977	1,030,026
Beans, baked	"	88,571,929	10,171,629
Beans, green or wax	"	45,883,027	5,447,104
Beans, lima	"	2,135,301	308,272
Beets	"	15,180,106	1,566,260
Carrots	"	4,941,650	396,074
Carrots and peas	"	5,909,968	781,262
Corn, cream of, whole grain, etc.	"	69,134,133	8,780,916
Mushrooms	"	868,923	411,907
Peas	"	115,024,172	15,034,278
Pumpkin and squash	"	8,190,458	649,236
Spinach	"	4,219,483	534,641
Tomatoes	"	65,366,027	6,547,260
Vegetables, mixed	"	6,236,869	668,668
Vegetables, other	"	4,858,062	698,623
Vegetables, evaporated and dehydrated	"	182,777	134,376
Vegetables in brine	"	1,340,426	116,575
Vegetables, frozen or cold pack	"	12,391,620	1,956,595
Vegetables in SO_2	—	—	1
Vegetable juices, canned	—	—	1
Vegetable peelers and slicers	—	—	1
Vehicles, children's	—	—	2,072,716
Vehicles, farm sleighs, wagons and trucks (See also, "Carriages and wagons" "Sleighs")	—	—	304,154
Veils and veiling	—	—	309,578
Veneer	—	—	13,160,288
Veneer logs	M ft. b. m	26,797	2,569,851
Veneer and plywood products n.e.s.	—	—	1

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1951 — Continued

Items	Unit of measure	Quantity	Value
			$
Ventilators	—	—	933,473
Vestments	—	—	1
Vests, woollen	No.	4,520	28,441
Vests, other	doz.	5,868	100,103
Vinegar made for own use	imp.gal.	669,644	—
Vinegar made for sale:			
Spirit	" "	5,682,502	2,734,353
Cider	" "	586,451	269,358
Malt	" "	223,356	170,244
Vinyl acetate	—	—	1
Vitamin preparations	—	—	13,051,122
Waffle irons	No.	30,721	301,072
Wagons (see "Carriages and wagons)			
Wall board, gypsum	sq. ft.	232,312,775	7,876,750
Wall board, paper (see "Paper board")			
Wall plaster, gypsum	—	—	3,469,459
Wall plaster, other	—	—	349,742
Wardrobes, wall board	—	—	374,298
Washboards	No.	108,229	58,359
Washers, leather	doz.	7,057,317	390,047
Washers and gaskets, iron, steel, etc.	—	—	3,640,379
Washing compounds	—	—	438,277
Waste, cotton and wool	lb.	42,416,503	7,177,626
Waste, wood	ton	75,633	270,747
Waste, other, not specified	—	—	4,313,496
Watches, assembled	No.	871,878	5,938,344
Watch bracelets, cases, etc.	—	—	1,021,745
Water, aerated	gal.	94,803,207	77,295,550
Water, distilled	"	239,857	42,405
Water, mineral, natural	—	—	136,517
Waterproofing of fabrics	yd.	3,438,353	776,305
Waterproofing preparations	—	—	343,843
Wax and wax compounds all kinds	—	—	3,910,592
Wax, sealing	—	—	1
Weatherstrip	—	—	1,508,270
Weaving, custom	—	—	1,634,840
Webbing, elastic	—	—	2,741,118
Webbing, other	—	—	1,244,418
Weeders	No.	2,515	475,197
Weed killer	—	—	3,521,203
Welding apparatus with control equipment and accessories	—	—	4,344,486
Welding compounds and fluxes	—	—	25,343
Welding rods and welding wires (Included in "Wire, steel, plain.")			
Welting	—	—	1,163,438
Wheelbarrows and parts	—	—	647,765
Wheels, automobile	—	—	1
Wheels, railway car	—	—	7,026,909
Wheels, not specified	—	—	249,263
Whips	No.	5,897	4,477
Whiskies (see "Spirits")			
Whisks	doz.	48,344	192,866
Windows, complete, aluminum and other	—	—	2,448,994
Wine sold during the year	imp.gal.	4,386,918	11,147,846
Wine produced and placed in storage for maturing	" "	4,677,055	3,136,996
Wine spirit	—	—	1
Wiping cloths and rags, washed and sterlized	lb.	13,878,047	3,658,968
Wiping cloths and rags, other	—	—	1,052,906
Wire, brass and copper	—	—	1
Wire, gold filled and alloys	—	—	1,195,517
Wire, steel:			
Barbed:			
Quantity made	ton	10,644	—
Quantity sold	"	10,389	1,768,751
Cold rolled flat, all sizes:			
Quantity made	"	3,799	—
Quantity sold	"	1,821	477,506
Galvanized:			
Quantity made	"	69,406	—
Quantity sold	"	31,559	5,627,293
Plain:			
Quantity made	"	294,373	—
Quantity sold	"	83,997	12,561,419
Strand, twisted:			
Quantity made	"	5,590	—
Quantity sold	"	5,942	1,956,004
Other, coated:			
Quantity made	"	4,758	—
Quantity sold	"	3,752	702,679
Wire and cable, electrical	—	—	123,768,524
Wire rope and cable, n.s.	—	—	15,066,838
Wire, tungsten	—	—	1
Wire cloth, all metals, including screen cloth	—	—	10,063,014
Wire mesh, steel, woven or welded	—	—	2,061,160
Wire netting	—	—	1
Wire goods, not specified	—	—	5,604,689
Wiring devices, not elsewhere specified	—	—	15,652,172
Wooden products, n.s.	—	—	6,909,192
Wood flour	—	—	1

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1951 — Continued

Items	Unit of measure	Quantity	Value
			$
Woodenware, kitchen	—	—	470,265
Woodenware, not specified	—	—	554,175
Wood preservation	—	—	1
Wood preservatives	—	—	396,254
Wood turning, n.s.	—	—	828,501
Woodwork, sanitary	—	—	391,004
Wool pulled	lb.	2,674,860	1,730,978
Wool tops	—	—	1
Wool noils	—	—	1
Wool or part wool, reworked or reprocessed	lb.	13,558,177	4,182,109
Woollen cloth woven:			
Suitings, dress goods, overcoatings, etc.			
All wool, woollen	sq. yd.	14,802,969	31,136,158
All wool, worsted	"	7,441,048	22,395,334
Woollen and worsted, mixed	"	2,464,665	10,506,159
Cotton warp, worsted	—	—	1
Cotton warp, woollen	sq. yd.	1,254,025	1,401,127
Other woollen and mixtures	"	5,159,873	7,900,429
Other woven fabrics, wool or containing wool	—	—	924,503
Woven goods, not yard material	—	—	3,347
Wrappers, waxed (see "Paper, waxed")			
Wrappers, paper, other than waxed (see also "Boxes, paper, corrugated")	—	—	889,727
Wrappers, printed	—	—	3,738,156
Wringers, clothes	No.	155,903	1,664,310
Xylol	—	—	1
Yarns, spun for sale:			
Cotton:			
Grey, knitting	lb.	17,161,012	15,203,773
Grey, other, singles	"	8,227,038	6,761,536
Grey, other, plied	"	13,723,588	11,692,171
Bleached, knitting	"	505,618	620,068
Bleached, other	"	279,729	280,109
Coloured, knitting	"	3,579,968	3,718,380
Coloured, other	"	1,883,034	1,790,852
Tire cord	—	—	1
Other, including mercerized	lb.	3,442,763	4,286,258
Cotton and wool mixed:			
Grey	"	426,627	711,281
Bleached and coloured	"	33,878	71,240
Rayon, thrown	"	6,415,113	5,812,853
Nylon, thrown and other	"	1,423,283	5,757,600
Rubber, covered	—	—	1
Synthetic mixtures	lb.	869,841	1,053,971
Synthetic singles	"	26,783,746	33,805,747
Spun rayon and spun rayon mixtures	"	4,836,753	4,845,215
Woollen:			
Hand knitting	"	471,803	1,206,190
Machine knitting	"	6,727,919	8,472,630
Weaving	"	1,565,681	1,477,934
Carpet	"	1,688,695	3,099,908
Not specified	"	164,957	701,067
Worsted, oil spun:			
Hand knitting	"	1,574,076	5,137,943
Machine knitting	"	3,889,004	10,898,748
Weaving	"	1,855,087	6,725,886
Carpet	"	8,069	11,890
Worsted, dry spun:			
Weaving	"	188,876	722,383
Knitting	"	922,923	3,407,378
Yarns, not specified	"	2,004,327	3,824,568
Yeast, dry, bakers'	"	1,222,662	2,083,254
Yeast, dry, brewers'	"	2,468,872	336,692
Yeast, fresh (for sale)	"	23,417,141	3,572,187
Yeast, made for own use in breweries	"	3,341,152	—
Yeast food, bread improver, etc.	"	5,962,445	752,811
Yoghourt	gal.	69,515	160,552
Zinc, refined, zinc alloys, etc.	lb.	11,777,415	2,898,151
Zinc chloride	—	—	1
Zinc naphthenate	—	—	1
Zinc oxide and zinc dust	—	—	1
Zinc products, not specified	—	—	1
Manufactured food products, packaged only	lb.	15,583,787	2,700,955
Amount received by clothing contractors	—	—	11,995,629
Inter-company transfers	—	—	2,543,356
All other products, not specified:			
Foods and beverages	—	—	11,504,309
Tobacco and tobacco products	—	—	641
Rubber products	—	—	295,351
Leather products	—	—	3,781,765
Textile products (except clothing)	—	—	2,597,084
Clothing (textile and fur)	—	—	1,206,671
Wood products	—	—	3,636,787
Paper products	—	—	4,210,239
Printing, publishing and allied industries	—	—	6,384,829
Iron and steel products	—	—	88,410,741
Transportation equipment	—	—	63,083,501

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1951 — Concluded

Items	Unit of measure	Quantity	Value
			$
All other products, not specified—Concluded			
Non-ferrous metal products	—	—	16,849,165
Electrical apparatus and supplies	—	—	8,738,667
Non-metallic mineral products	—	—	8,524,115
Products of petroleum and coal	—	—	866,284
Chemicals and allied products	—	—	17,312,973
Miscellaneous manufacturing industries	—	—	2,803,219
Custom work and repairs:			
Foods and beverages	—	—	3,695,761
Tobacco and tobacco products	—	—	—
Rubber products	—	—	—
Leather products	—	—	738,486
Textile products (except clothing)	—	—	3,963,144
Clothing (textile and fur)	—	—	1,918,214
Wood products	—	—	9,077,078
Paper products	—	—	139,655
Printing, publishing and allied industries	—	—	—
Iron and steel products	—	—	57,928,744
Transportation equipment	—	—	124,569,358
Non-ferrous metal products	—	—	2,678,172
Electrical apparatus and supplies	—	—	4,926,558
Non-metallic mineral products	—	—	339,200
Products of petroleum and coal	—	—	—
Chemicals and allied products	—	—	—
Miscellaneous manufacturing industries	—	—	10,006,780
Products which were reported by only one or two firms and for which figures cannot be shown separately (See commodities indicated by footnote 1)	—	—	625,685,054
Total Value of Products Listed			**16,761,562,723**
Adjustments due to valuation of intermediate products, excise taxes, etc.	—	—	369,375,591
Total	—	—	**16,392,187,132**

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PART I. GENERAL ANALYSES OF MANUFACTURING

Section 1. Growth of Manufacturing

In this report the manufacturing industries of Canada are dealt with in two Parts. Part I gives general analyses including the historical development of manufacturing; detailed treatment of current production under various groupings and by individual industries; and principal factors in manufacturing production such as physical volume of production, capital, employment, salaries and wages, size of establishment, and power and fuel. Part II deals with the provincial and local distribution of manufacturing production.

With regard to historical development, it is impossible to give absolutely comparable statistics over a long period of years. From 1870 to 1915 statistics were collected only in connection with decennial or quinquennial censuses, and there was inevitably some variation in the information collected. The annual Census of Manufactures was instituted in 1917 and while numerous changes have been made since then in the information collected and the treatment of the data, an effort has been made to carry all major revisions, in so far as possible, back to 1917 so that the figures for the period since then are on a reasonably comparable basis.

Canada is no longer on the fringes of industrialization but ranks among the world's most important manufacturing countries. Basic historical developments, such as the opening of the West and the magnitude of requirements of all kinds for World Wars I and II, have been followed by recent discoveries of far-reaching significance. Such events as the discovery of a major oil pool on the prairies in 1947, the discovery of large-scale deposits of iron and the successful search for uranium have given new dimensions to Canadian thinking and business planning. These are the factors that explain the records of capital expenditures year by year since the end of the War. Yet it is not the mere rate of expansion that is significant. There have been other periods when Canada's population has grown more rapidly and in many respects the rate of industrial expansion in the late 1920's was relatively as great as in the post-war years. The real significance of the latter period is that never before has there been an advance on such a broad industrial front.

The second point to be observed is the changing emphasis of Canadian manufacturing activity. By 1949 the period of post-war conversion was passed and Canada had entered a new phase of economic expansion which derived its dynamic from the discovery of new resources and the application of new processes. This meant that even the sharp recession in the United States in the year 1949 failed to have significant effects in Canada. The influence of Korea and the consequent re-armament program gave an added impetus to the expansion of Canadian industry and to the development of Canadian basic resources. Capital expenditures that contributed most to the defence of Canada were given priority. Additional capacity was created to meet requirements of the specialized defence program — aircraft, electronic equipment, ships and guns — many items of which had never before been produced in Canada. Measures such as steel control, credit regulations and deferred depreciation had the desired effect. A shift gradually took place toward the further expansion of basic industrial capacity and away from investment in consumer goods and services.

It should be emphasized that Canada's development as an industrial country is based upon and not independent of her position as a trading nation. In 1952, Canada was sixth among the world's industrial powers and the world's third largest trader. Canada's exports earn a quarter of her income and Canada's per capita trade at $571 is higher than that of any other country. At the same time, Canada's position has become more closely linked with the North American Continent and trade with the United States has grown to the point where that country took nearly 60 p.c. of Canada's exports in 1951 and 54 p.c. in 1952.

The stability of current levels of manufacturing is indicated by the fact that such activity is the result of business assessments of resources and market potentialities. Millions of dollars are being invested in oil because the prairies can produce oil as economically as other great fields on the North American Continent. Petro-chemical plants are being erected because the raw materials are readily at hand. Kitimat is based on the coincidence of abundant and cheap hydro-power and access to ocean transportation, both of which are essential to the low-cost production of aluminum. The exploitation of the Ungava iron deposits rests on the belief that the steel industry of the North American Continent will need the high-grade ores involved in order to meet continuing peace-time demands. No country is in a more favourable position than Canada to supply uranium for the production of atomic energy.

Of strategic importance, and probably of even greater long-term significance to the Canadian economy, has been the growing world-wide shortage of raw materials; a shortage born of rising levels of employment and income, and accentuated by the course of international events, especially since 1950. These demands have shown few signs of abating and they have led to substantial increases in Canadian primary manufacturing capacity, particularly in so far as the light metals, nickel, chemical fertilizers and the cheaper grades of paper are concerned.

In helping to meet these demands, Canada's aluminum manufacturing capacity has been increased by approximately 50 p.c. The production of magnesium metal, this time in two separate plants, has been revived, and cobalt ores are once more being treated in Canada and exported in substantial quantity. Ilmenite is being processed from titanium slag in Canada for the first time, and in the case of nickel, new processes together with the need to treat a growing volume of lower grade ores have necessitated the construction of one new refinery and heavy investments in others. In all, half a dozen of non-ferrous metal smelters or refineries, involving outlays of approximately $200,000,000, have been built or substantially expanded in Canada over the past three or four years.

Other Canadian chemical process industries have also been responding to the pull of the world's markets for semi-processed materials. Foremost among them are the nation's fertilizer and pulp and paper producers, both heavy users of cheap hydro-electric power. In the case of fertilizers, manufacturing capacity has been expanded by a third since the end of World War II. Turning to pulp and paper, the story is in some ways even more impressive. Twelve entirely new mills have been built, one making newsprint and the rest mainly sulphite and sulphate pulps, some of the dissolving or rayon-grade variety. Another half dozen plants have been substantially rebuilt and many have added by-product plants, ranging from the manufacture of composite board to chemicals like vanillin and ethyl alcohol. The new paper mills alone have cost about $250,000,000.

Another factor contributing to post-war expansion in Canadian manufacturing industries has been Canada's own investment boom. Ranging all the way from large resource-development projects to the better housing of the people and the improvement of services generally, it has provided a ready market for building materials and machinery and equipment of all kinds. Conditions could hardly have been more propitious for a 25 p.c. increase in Canada's iron and steel-making capacity; for the erection of four new cement plants and the extension of others; for the further diversification of Canada's copper and aluminum fabricating mills; and for the growth and better integration of numerous plants devoted to the making of such construction materials as plumbing and heating supplies, sanitary

ware, cement, mineral wool and gypsum products, and such commodities as paints, plywood, wire and cable. In fact, many concerns making building materials have expanded their output several times over since the end of World War II.

In the case of machinery and equipment, many new lines have been introduced, the more notable including diesel locomotives, oil pipeline pumping and control equipment, chemical processing equipment, and mining machinery. There has also been some further diversification in the production of machine tools since 1950.

In recent years the demands stemming from population growth and a rising standard of living have been noticeable at all levels. In food processing, a steady up-grading in the quality of foods sold on the domestic market has been even more important than population growth. The two together have more than doubled the dollar sales of processed foods in this country since 1945. And at the intermediate level other important changes have taken place. Many of Canada's new chemical plants, for example, have been built with the domestic consumer market in mind. Frequently using petroleum or natural gas as a source of raw material, they have gone a long way towards making Canada independent of imports in such categories as vanillin, nylon and rayon intermediates, and plastics for packaging and similar uses.

An important change was made in the annual census of manufactures. A shipments concept instead of the value of production statistics heretofore compiled was adopted for the 1952 and 1953 returns of manufacturers, for a large number of industries where it was known that inventory changes from year year were only of a minor nature. The concept was not changed for industries known to experience wide fluctuations in inventory holdings, pending further study for the need of both production and shipments information. For the 1954 returns it was planned to implement the shipments concept for all industries. Industries requiring production statistics will be asked to report the detail of products made in physical quantities only and at the same time will be required to report details of their shipments giving both the quantity as well as the selling values at the plant.

The aim of the new Census of Industry schedule is to ease the burden of filling out Bureau questionnaires. The value of shipments concept is in a large number of cases more realistic and more readily obtainable in the accounting records of firms, whereas the value of products made, for firms not recording such information, must be derived from special calculations. The value of shipments provides a standard basis of reporting for all establishments. Under the old system some establishments reported value of products made and others the value of factory shipments. Further, a great number of firms attempting to report production values to fulfil the requirements of the old questionnaire, in fact computed their cost of production rather than their selling value as they were supposed to. Since the value of shipments is usually carried in the firm's accounts, the work of filling out the reports should be lessened and the questionnaire should as a result be filled out more promptly. The change should ease the burden for small establishments in particular since the value of sales is readily available from their accounting records.

Under the "value of products" concept establishments were required to report the factory selling value of the products made whether sold or not, the unsold portion being assigned the average selling value of similar articles sold during the year. Where no selling values were available for the unsold portion, estimated values had to be assigned. Under the new concept establishments are required to report their sales during the year regardless of when the products were made.

These two concepts give different results, the first gives the value of products made and the second the value of products sold. For a large number of industries where normally there is no significant changes in the opening and closing inventories, these two sets of figures may be used interchangeably as they both reveal more or less the value of production and are, therefore, comparable with figures for previous years. There are, however, a number of large key industries with substantial changes in their opening and closing inventories. In such industries the new concept gives quite different results to that obtained formerly. Valid comparisons cannot, therefore, be made with previous years. To get comparable production figures the sales figures must first be adjusted for inventory changes.

The manufacturing industries of Canada in 1952 again established a new record in gross value of production with a total of $16,982,687,055. This represents an increase of 3.6 p.c. over the previous year's value. Part of the increased value was accounted for by an increase of about 2 p.c. in the physical volume of production and the balance by increases in the price of fully and partly manufactured products. Accompanying the rise in output was an increase of 2.4 p.c. in the number of persons employed, with an increase of 11.0 p.c. in the salaries and wages paid. Salary and wage payments at $3,637,620,160 were the highest on record, and exceeded the previous high reported in 1951 by $361,339,243.

Not all segments of manufacturing production were affected to the same degree by the continuance of the war in Korea. The highlight for the year was an 18.4 p.c. increase in the physical volume of production reported by the transportation equipment group and a decline of 11.7 p.c. for the Textile (except clothing) group. As was to be expected, the greatest expansion in production was reported by the industries classified in the durable goods group which achieved an increase of 3.1 p.c. in the physical volume of production, as compared with an increase of only 0.6 p.c. for the industries producing non-durable goods. For manufacturing as a whole the increase was 2.2 p.c. the index at 246.3 being 4 points above the record wartime level attained in 1944.

No definite trend was established in 1952. Although the durable goods industries as a group operated at a higher level of production than the consumer group industries, both divisions reporting advances and declines. In the durable goods sector the transportation equipment group reported the greatest advance in the production with an increase of 18.4 p.c. followed by non-metallic mineral products with an increase of 1.2 p.c. and electrical apparatus and supplies 0.2 p.c. The iron and steel products group was practically unchanged, while the wood group reported a decline of 3.0 p.c. and non-ferrous metal products a decline of 1.1 p.c. In the non-durable goods sector the greatest increase in the volume of production was reported by the tobacco group with an increase of 14.2 p.c., followed by leather products with 9.4 p.c., products of petroleum and coal 7.3 p.c., foods and beverages 5.2 p.c., clothing 3.1 p.c. and chemicals and allied products 1.7. The greatest decline in volume was reported by the textiles (except clothing) group with 11.7 p.c. followed by rubber products with 6.8 p.c., paper products 5.0 p.c., and printing, publishing and allied industries 1.2 p.c.

Manufacturing establishments reporting in 1952 numbered 37,929. Of these 948 were located in Newfoundland, 224 in Prince Edward Island, 1,533 in Nova Scotia, 1,077 in New Brunswick, 12,024 in Quebec, 13,172 in Ontario, 1,531 in Manitoba, 1,022 in Saskatchewan, 2,150 in Alberta, 4,225 in British Columbia and 23 in Yukon and Northwest Territories. These plants furnished employment to 1,288,382 persons who received $3,637,620,160 in salaries and wages. They also shipped goods with a selling value at the factory of $16,982,687,035 and spent $9,146,172,494 for materials, while the value added by manufacture totalled $7,443,533,199. It should be remembered that the value added by manufacture does not represent the manufacturers' profits. The value added is obtained by subtracting the cost of materials including fuel and electricity, from the value of products. The difference represents the value added to the materials by labour. It is this difference which the employer of labour uses to pay for the labour itself, the overhead expenses, interest and profits. Compared with the previous year, there was an increase of $502,586,416 in the value added by manufacture.

Percentage changes in manufacturing production of each province from 1944 (the wartime high) to 1949 and from 1949 to 1952 were as follows:

Province	1949 Compared with 1944[1]			1952 Compared with 1949[2]		
	Number of employees	Earnings	Gross value of products	Number of employees	Earnings	Gross value of products
Newfoundland	—	—	—	+ 16.5[3]	+ 43.1[3]	+ 40.0[3]
Prince Edward Island	- 2.2	+ 25.9	+ 69.2	+ 2.7	+ 31.5	+ 21.8
Nova Scotia	- 22.5	+ 8.8	+ 21.1	+ 13.9	+ 37.6	+ 32.0
New Brunswick	+ 1.2	+ 36.7	+ 52.2	+ 3.4	+ 26.6	+ 26.9
Quebec	- 8.0	+ 21.2	+ 29.3	+ 10.1	+ 39.0	+ 36.6
Ontario	- 1.3	+ 33.8	+ 40.6	+ 9.4	+ 41.3	+ 37.2
Manitoba	+ 2.5	+ 37.2	+ 34.7	+ 3.4	+ 30.2	+ 20.9
Saskatchewan	- 12.3	+ 25.8	+ 23.0	+ 4.3	+ 32.4	+ 20.0
Alberta	+ 19.1	+ 65.9	+ 47.1	+ 20.2	+ 49.7	+ 39.4
British Columbia	- 13.7	+ 9.9	+ 46.2	+ 11.7	+ 44.4	+ 38.9
Canada	- 4.8	+ 26.9	+ 36.7	+ 9.8	+ 40.2	+ 36.0

1. Excluding Newfoundland.
2. Including Newfoundland.
3. Exclusive of fish processing.

Tables 1 to 3 give a picture of the growth of manufacturing, in general, as shown by comparable principal statistics, i.e., establishments, capital, employees, salaries and wages paid, cost of materials and values of products. A number of interesting comparisons are made in Table 4 and figures of consumption are given in Table 5.

TABLE 1. Summary Statistics of Manufactures, 1917-52

Note. Statistics of manufacturing from 1870 have been published, but between that year and 1917 they are not on a comparable basis to the series given below. They will be found in Table 1 in the 1942 edition of this report. Statistics of the non-ferrous metal smelting industries were included in manufactures for the first time in 1925.

Year	Establishments	Capital	Employees	Earnings	Cost of materials	Value added by manufacture[1]	Gross value of products
	No.	$	No.	$	$	$	$
1917	21,845	2,333,991,229	606,523	497,801,844	1,539,678,811	1,281,131,980	2,820,810,791
1918	21,777	2,518,197,329	602,179	567,991,171	1,827,631,548	1,399,794,849	3,227,426,397
1919	22,083	2,670,559,435	594,066	601,715,668	1,779,056,765	1,442,400,638	3,221,457,403
1920	22,532	2,923,667,011	598,893	717,493,876	2,085,271,649	1,621,273,348	3,706,544,997
1921	20,848	2,697,858,073	438,555	497,399,761	1,365,292,885	1,123,694,263	2,488,987,148
1922	21,016	2,667,493,290	456,256	489,397,230	1,272,651,585	1,103,266,106	2,375,197,691
1923	21,080	2,788,051,630	506,203	549,529,631	1,456,595,367	1,206,332,107	2,662,927,474
1924	20,709	2,895,317,508	487,610	534,467,675	1,422,573,946	1,075,458,459	2,570,561,931
1925[2]	20,981	3,065,730,916	522,924	569,944,442	1,571,788,252	1,167,936,726	2,816,864,958
1926[2]	21,301	3,208,071,197	559,161	625,682,242	1,712,519,991	1,305,168,549	3,100,604,637
1927[2]	21,501	3,454,825,529	595,052	662,705,332	1,741,128,711	1,427,649,292	3,257,214,876
1928[2]	21,973	3,804,062,566	631,429	721,471,634	1,894,027,188	1,597,887,676	3,582,345,302
1929[2]	22,216	4,004,892,009	666,531	777,291,217	2,029,670,813	1,755,386,937	3,883,446,116
1930[2]	22,618	4,041,030,475	614,696	697,555,378	1,664,787,763	1,522,737,125	3,280,236,603
1931	23,083	3,705,701,893	528,640	587,566,990	1,221,911,982	1,252,017,248	2,555,126,448
1932	23,102	3,380,475,509	468,833	473,601,716	954,381,097	955,960,724	1,980,471,543
1933	23,780	3,279,259,838	468,658	436,247,824	967,788,928	919,671,181	1,954,075,785
1934	24,209	3,249,348,864	519,812	503,851,055	1,229,513,621	1,087,301,742	2,393,692,729
1935	24,034	3,216,403,127	556,664	559,467,777	1,419,146,217	1,153,485,104	2,653,911,209
1936	24,202	3,271,263,531	594,359	612,071,434	1,624,213,996	1,289,592,672	3,002,403,814
1937	24,834	3,465,227,831	660,451	721,727,037	2,006,926,787	1,508,924,867	3,625,459,500
1938	25,200	3,485,683,018	642,016	705,668,589	1,807,478,028	1,428,286,778	3,337,681,366
1939	24,805	3,647,024,449	658,114	737,811,153	1,836,159,375	1,531,051,901	3,474,783,528
1940	25,513	4,095,716,836	762,244	920,872,865	2,449,721,903	1,942,471,238	4,529,173,316
1941	26,293	4,905,503,966	961,178	1,264,862,643	3,296,547,019	2,605,119,788	6,076,308,124
1942	27,862	5,488,785,545	1,152,091	1,682,804,842	4,037,102,725	3,309,973,758	7,553,794,972
1943	27,652	6,317,166,727	1,241,068	1,987,292,384	4,690,493,083	3,816,413,541	8,732,860,999
1944	28,483	3	1,222,882	2,029,621,370	4,832,333,356	4,015,776,010	9,073,692,519
1945	29,050	3	1,119,372	1,845,773,449	4,473,668,847	3,564,315,899	8,250,368,866
1946	31,249	3	1,058,156	1,740,687,254	4,358,234,766	3,467,004,980	8,035,692,471
1947	32,734	3	1,131,750	2,085,925,966	5,534,280,019	4,292,055,802	10,081,026,580
1948	33,420	3	1,155,721	2,409,368,190	6,632,881,628	4,938,786,981	11,875,169,685
1949[4]	35,792	3	1,171,207	2,591,890,657	6,843,231,064	5,330,566,434	12,479,593,300
1950[4]	35,942	3	1,183,297	2,771,267,435	7,538,534,532	5,942,058,229	13,817,526,381
1951[4]	37,021	3	1,258,375	3,276,280,917	9,074,526,353	6,940,946,783	16,392,187,132
1952[4]	37,929	3	1,288,382	3,637,620,160	9,146,172,494	7,443,533,199	16,982,687,035[5]

1. For 1924 and subsequent years the value added by manufacture is computed by subtracting the cost of fuel and electricity and the cost of materials from the gross value. Figures prior to 1924 are not comparable because statistics for cost of electricity are not available.
2. A change in the method of computing the number of wage-earners in the years 1925 to 1930, inclusive, increased the number somewhat over that which the method otherwise used would have given. In 1931, however, the method in force prior to 1925 was re-adopted.
3. Not collected.
4. Includes Newfoundland.
5. In 1952 the basis of collection was changed from "value of products made" to "selling value of factory shipments" in a number of industries.

TABLE 2. Summary Statistics of Manufactures, by Provinces, Significant Years, 1917-52

Province and Year	Establishments	Capital	Employees	Earnings	Cost of materials	Value added by manufacture	Gross value of products
	No.	$	No.	$	$	$	$
Newfoundland:							
1949	793	4	6,934	15,486,336	31,228,173	32,918,776	67,264,282
1950	850	4	6,682	16,246,252	31,505,623	36,712,377	71,062,850
1951*	822	4	9,622	22,681,246	43,117,299	53,690,187	100,642,613
1952[1]	948	4	10,303	25,233,851	45,477,620	56,109,014	105,459,684
Prince Edward Island:							
1917	411	2,008,082	1,556	663,251	3,087,621	1,750,135	4,837,756
1920	370	2,328,686	1,287	855,210	4,164,223	2,135,857	6,300,080
1929[2]	263	2,646,354	2,074	727,286	2,862,725	1,466,446	4,408,608
1933	249	2,256,307	991	529,684	1,590,834	1,126,826	2,775,787
1939	222	2,682,900	1,088	617,945	2,239,117	1,243,979	3,543,681
1944	241	4	1,786	1,694,763	6,993,510	3,570,835	10,713,644
1945	234	4	1,851	1,679,212	8,242,949	3,178,434	11,592,753
1947	260	4	1,906	1,938,467	8,610,332	3,849,353	12,653,451
1948	254	4	1,759	2,073,985	12,634,785	4,217,680	17,074,084
1949	251	4	1,747	2,133,555	13,537,144	4,338,320	18,123,200
1950	244	4	1,786	2,342,180	15,243,042	4,284,417	19,811,023
1951	237	4	1,735	2,459,553	17,177,748	5,046,797	22,523,439
1952[1]	224	4	1,795	2,805,622	15,786,399	5,957,097	22,069,671
Nova Scotia:							
1917	1,337	124,357,851	25,252	18,838,051	102,415,215	57,565,703	159,980,918
1920	1,345	135,679,188	23,425	25,625,089	85,724,785	61,371,243	147,096,028
1929[2]	1,094	118,951,398	19,986	16,905,885	50,725,562	35,676,421	89,787,548
1933	1,277	92,004,624	12,211	9,604,680	25,354,319	19,988,257	47,912,432
1939	1,083	101,954,082	17,627	16,651,685	43,332,195	35,885,563	83,139,572
1944	1,281	4	37,812	59,940,411	103,463,123	93,376,638	204,421,664
1945	1,297	4	33,423	51,703,245	107,860,539	84,358,189	199,775,177
1947	1,480	4	30,285	46,113,036	111,354,221	84,935,517	204,219,433
1948	1,440	4	30,348	52,553,200	140,761,593	95,774,483	246,111,683
1949	1,480	4	29,311	54,686,577	135,841,899	102,294,298	247,592,389
1950	1,482	4	28,479	54,888,061	147,131,045	97,780,564	255,887,499
1951	1,474	4	30,512	63,975,754	172,115,336	119,486,630	303,619,234
1952[1]	1,533	4	33,371	75,245,387	183,141,366	130,715,000	326,839,747
New Brunswick:							
1917	943	60,300,907	19,710	12,893,014	32,380,621	27,027,725	59,408,346
1920	901	101,216,395	19,007	19,266,821	60,812,641	45,803,164	106,615,805
1929[2]	803	91,376,948	17,952	15,127,716	39,800,366	26,640,786	68,145,012
1933	747	90,148,317	11,336	9,308,100	20,442,421	18,166,713	41,345,622
1939	803	91,171,323	14,501	13,659,162	35,617,614	27,041,195	66,058,151
1944	937	4	23,164	32,345,080	83,993,599	62,258,478	152,106,577
1945	889	4	22,503	32,408,048	87,235,347	63,380,075	156,623,378
1947	1,061	4	24,181	39,583,393	116,491,443	83,487,984	208,366,438
1948	1,067	4	24,325	43,918,687	134,410,529	91,404,150	234,579,684
1949	1,060	4	23,446	44,219,819	131,804,253	91,187,375	231,506,191
1950	1,107	4	23,863	46,386,069	148,066,224	106,204,409	263,753,067
1951	1,084	4	24,505	53,546,882	176,358,864	120,594,955	307,173,504
1952[1]	1,077	4	24,251	55,978,462	164,760,874	117,837,471	293,759,782
Quebec:							
1917	7,032	662,012,975	188,043	141,008,616	385,212,984	380,882,409	766,095,393
1920	7,530	878,859,638	183,748	202,516,550	553,558,520	499,643,217	1,053,201,737
1929[2]	6,948	1,246,208,650	206,580	225,226,808	537,270,055	537,796,395	1,108,592,775
1933	7,856	1,035,339,591	157,481	134,696,386	292,560,568	288,504,782	604,496,078
1939	8,373	1,182,538,441	220,321	223,757,767	536,823,039	470,385,279	1,045,757,585
1944	9,656	4	424,115	668,156,053	1,494,253,053	1,350,519,134	2,929,685,183
1945	10,038	4	384,031	607,473,443	1,307,534,193	1,149,390,919	2,531,903,830
1947	11,223	4	379,449	662,837,614	1,601,055,840	1,324,397,690	3,017,049,422
1948	11,107	4	383,835	756,078,652	1,954,111,943	1,533,798,259	3,598,870,345
1949	11,579	4	390,275	809,579,270	2,027,793,643	1,651,629,668	3,788,497,123
1950	11,670	4	390,163	851,334,700	2,225,476,250	1,798,320,105	4,142,473,290
1951	11,861	4	417,182	1,005,601,680	2,696,638,646	2,083,933,751	4,916,157,419
1952[1]	12,024	4	429,698	1,125,944,703	2,745,618,113	2,288,643,279	5,176,234,825
Ontario:							
1917	9,061	1,157,850,643	299,389	258,393,065	794,556,502	662,174,261	1,456,730,763
1920	9,113	1,464,097,346	295,674	362,941,317	1,071,843,374	792,267,562	1,864,110,936
1929[2]	9,348	1,986,736,556	328,533	406,622,627	1,056,530,202	916,971,816	2,020,492,433
1933	9,542	1,587,947,947	224,816	220,530,088	464,544,563	465,103,842	958,776,858
1939	9,824	1,762,571,669	318,871	378,376,209	907,011,461	791,428,569	1,745,674,707
1944	10,731	4	564,392	975,038,060	2,310,347,858	1,930,043,913	4,339,797,784
1945	10,869	4	518,056	882,483,387	2,148,290,603	1,720,938,199	3,965,069,021
1947	11,860	4	537,581	1,037,976,714	2,651,697,573	2,136,014,184	4,903,472,526
1948	12,118	4	551,556	1,210,438,044	3,118,084,345	2,486,007,774	5,742,269,854
1949	12,951	4	557,190	1,305,544,434	3,256,454,918	2,708,554,013	6,103,804,834
1950	12,809	4	566,513	1,412,999,146	3,598,821,495	3,068,141,837	6,822,953,981
1951	13,025	4	599,433	1,669,386,982	4,334,394,367	3,569,400,065	8,074,731,217
1952[1]	13,172	4	609,696	1,844,186,405	4,387,431,403	3,811,106,576	8,372,173,626

* Includes for the first time the fish processing industry.

TABLE 2. Summary Statistics of Manufactures, by Provinces, Significant Years, 1917-52 — Concluded

Province and Year	Establishments	Capital	Employees	Earnings	Cost of materials	Value added by manufacture	Gross value of products
	No.	$	No.	$	$	$	$
Manitoba:							
1917	732	82,566,858	18,939	16,513,423	69,715,149	42,280,801	111,995,950
1920	747	94,424,145	23,728	32,372,081	92,729,271	62,776,912	155,506,183
1929[2]	861	121,363,898	24,012	31,224,596	87,832,324	63,925,015	155,266,294
1933	1,010	100,074,404	18,871	18,687,430	44,579,998	37,390,275	83,934,777
1939	1,087	119,659,365	23,910	28,444,798	82,408,293	48,810,544	134,293,595
1944	1,290	[4]	40,937	62,758,081	226,234,925	120,339,926	352,334,594
1945	1,302	[4]	38,367	59,814,109	216,114,576	117,775,126	339,821,283
1947	1,413	[4]	39,378	68,972,653	236,936,343	139,373,521	383,130,281
1948	1,399	[4]	40,522	79,230,931	296,606,269	157,426,179	461,974,200
1949	1,520	[4]	41,956	86,088,380	299,101,498	167,335,495	474,681,912
1950	1,507	[4]	40,985	88,701,601	300,384,707	177,051,583	485,906,206
1951	1,512	[4]	41,459	100,170,966	349,203,612	192,848,667	551,346,046
1952[1]	1,531	[4]	43,365	112,147,572	347,664,650	216,814,306	574,037,212
Saskatchewan:							
1917	560	24,372,585	6,230	5,403,332	22,040,674	13,894,179	35,934,853
1920	554	24,640,520	6,709	9,571,175	34,894,105	22,610,861	57,504,966
1929[2]	594	43,925,797	7,025	9,105,597	51,003,566	23,002,952	75,368,605
1933	673	38,688,433	4,782	4,848,763	19,124,030	11,478,634	31,559,387
1939	737	37,654,095	6,475	7,346,127	38,782,135	20,283,273	60,650,589
1944	1,054	[4]	12,361	17,703,103	131,215,017	40,833,333	175,349,234
1945	926	[4]	11,617	16,905,606	126,279,202	38,275,127	167,688,133
1947	1,001	[4]	11,723	19,661,970	151,449,021	41,480,520	196,452,199
1948	926	[4]	10,950	21,038,911	172,423,275	45,053,786	221,363,603
1949	962	[4]	10,841	22,273,942	164,349,341	47,356,949	215,742,708
1950	887	[4]	10,596	23,010,469	164,557,306	49,494,641	218,079,955
1951	973	[4]	11,023	26,290,294	185,151,455	61,088,606	250,813,026
1952[1]	1,022	[4]	11,307	29,489,862	172,388,119	80,934,157	258,931,776
Alberta:							
1917	636	49,146,241	9,461	8,662,417	42,632,212	23,883,673	66,515,885
1920	666	48,310,655	10,955	15,210,628	56,139,646	29,812,891	85,952,537
1929[2]	736	81,875,952	12,216	14,585,734	62,500,175	36,824,969	100,966,196
1933	874	69,604,563	9,753	9,573,468	29,425,975	18,876,929	49,395,514
1939	961	73,284,225	12,712	14,977,700	53,151,149	32,618,153	87,474,080
1944	1,165	[4]	22,186	33,227,729	172,082,537	77,415,753	252,949,894
1945	1,157	[4]	21,486	32,760,326	166,198,136	78,547,626	248,287,504
1947	1,382	[4]	23,941	41,246,171	202,324,036	89,289,825	296,054,129
1948	1,567	[4]	25,690	49,735,336	253,754,967	107,124,387	366,079,501
1949	1,685	[4]	26,425	55,115,554	251,364,059	114,681,296	371,995,120
1950	1,671	[4]	26,732	58,416,324	272,131,049	123,892,868	402,840,023
1951	2,118	[4]	29,105	69,135,587	309,430,618	141,649,574	458,281,384
1952[1]	2,150	[4]	31,765	82,527,194	331,817,141	178,221,013	518,410,811
British Columbia:							
1917[3]	1,133	171,375,087	37,943	35,426,675	87,637,833	71,673,094	159,310,927
1920[3]	1,306	174,110,438	34,360	49,135,005	125,405,084	104,851,641	230,256,725
1929[3]	1,569	311,806,456	48,153	57,764,968	141,145,838	113,082,137	260,418,645
1933[3]	1,552	263,195,652	28,417	28,469,225	70,166,220	59,034,923	133,879,330
1939	1,710	274,969,502	42,554	53,881,994	136,655,872	103,263,292	247,948,600
1944	2,116	[4]	96,062	178,639,118	303,560,016	337,137,197	655,844,689
1945	2,326	[4]	87,974	160,419,133	305,759,836	307,954,519	628,903,124
1947	3,040	[4]	83,161	167,282,667	453,670,677	388,702,178	858,284,592
1948	3,525	[4]	86,599	193,954,224	549,275,003	417,600,758	985,516,621
1949	3,493	[4]	82,934	196,403,722	531,112,329	409,665,348	959,008,088
1950	3,696	[4]	87,375	216,656,977	634,177,837	479,606,261	1,133,016,956
1951	3,897	[4]	93,647	262,626,283	789,840,417	592,448,565	1,404,880,341
1952[1]	4,225	[4]	92,667	283,530,976	751,011,248	556,172,312	1,332,481,862
Yukon and N.W.T.:							
1939	5	538,847	55	97,766	138,500	92,054	242,968
1944	12	[4]	67	118,972	189,718	280,803	489,256
1945	12	[4]	64	126,940	153,466	517,685	704,663
1947	14	[4]	145	313,281	690,533	525,030	1,344,109
1948	17	[4]	137	346,220	818,919	379,525	1,330,110
1949	18	[4]	148	359,068	643,807	604,896	1,377,453
1950	19	[4]	123	285,656	1,039,954	569,167	1,741,531
1951	18	[4]	152	405,690	1,097,991	758,986	2,018,909
1952[1]	23	[4]	164	530,126	1,075,561	1,022,974	2,288,039

1. See footnote 5, Table 1.
2. See footnote 2, Table 1.
3. Includes Yukon.
4. Not collected.

TABLE 3. Summary Statistics of Manufactures, by Industrial Groups, 1945-52

Industrial Group and Year	Establishments	Employees	Earnings	Cost of materials	Value added by manufacture	Gross value of products
	No.	No.	$	$	$	$
Foods and beverages:						
1945	8,872	156,396	224,908,882	1,336,820,028	558,247,045	1,921,774,601
1946	8,862	160,821	241,769,865	1,408,818,069	604,120,647	2,040,708,650
1947	8,869	167,865	276,245,015	1,656,529,036	695,092,932	2,383,975,675
1948	8,686	168,893	311,235,818	2,034,844,290	766,434,971	2,839,531,142
1949	8,558	170,024	332,536,319	2,009,246,062	834,017,547	2,882,581,753
1950	8,401	167,664	346,714,443	2,102,437,260	885,322,008	3,029,810,604
1951	8,388	172,493	392,859,435	2,419,206,798	985,240,884	3,450,030,515
1952[2]	8,263	175,552	429,650,055	2,333,089,054	1,091,944,158	3,472,516,950
Tobacco and tobacco products:						
1945	86	12,164	15,738,041	79,176,519	42,985,992	122,543,932
1946	95	10,849	14,410,558	79,255,405	39,981,625	119,634,216
1947	91	10,880	16,234,772	97,121,002	49,221,094	146,793,011
1948	79	10,459	19,550,563	95,851,271	57,666,963	153,993,442
1949	72	10,686	21,896,378	113,357,196	58,529,226	172,420,213
1950	68	10,322	22,628,918	122,610,179	65,175,854	188,330,523
1951	62	9,826	24,438,218	119,590,053	59,033,325	179,177,093
1952[2]	61	9,277	25,405,072	144,537,670	70,777,110	215,914,370
Rubber products:						
1945	55	23,490	39,111,477	78,500,892	98,836,225	181,413,226
1946	60	22,055	37,813,363	62,135,578	93,451,248	159,408,113
1947	60	23,475	46,613,893	82,934,625	110,673,007	196,307,734
1948	56	21,703	48,273,015	84,223,731	106,999,669	194,111,934
1949	62	20,729	48,172,207	73,895,718	101,795,513	178,503,559
1950	61	21,812	54,262,864	101,773,382	134,061,761	239,184,510
1951	67	23,054	64,357,696	146,951,650	161,184,980	311,678,489
1952[2]	70	21,582	65,477,683	120,799,295	162,493,060	286,654,629
Leather products:						
1945	706	34,123	43,268,635	95,006,015	71,297,713	167,888,463
1946	776	37,290	49,712,628	108,702,945	82,319,495	192,749,456
1947	792	35,724	52,628,612	123,894,474	86,646,061	212,430,165
1948	757	34,291	55,122,863	114,819,233	86,947,703	203,758,501
1949	747	34,900	59,693,886	117,869,462	91,157,684	210,894,174
1950	747	32,990	57,809,677	121,217,195	87,419,427	210,563,013
1951	711	31,578	59,668,764	135,114,110	84,885,048	221,882,794
1952[2]	701	32,103	66,153,490	115,714,505	101,511,149	219,200,929
Textile products: (except clothing)						
1945	664	66,011	88,372,939	217,289,281	165,689,522	391,182,025
1946	720	67,366	95,637,733	215,853,616	178,852,730	402,966,184
1947	747	73,979	116,228,736	289,986,732	215,170,493	514,844,838
1948	722	75,816	141,002,245	331,943,622	261,774,544	604,946,333
1949	847	77,773	156,166,554	339,644,950	285,641,367	636,824,130
1950	846	80,323	169,175,142	412,682,853	315,556,761	741,262,685
1951	892	81,710	185,030,489	495,304,102	337,936,447	846,477,303
1952[2]	918	72,739	178,689,466	418,522,518	312,627,434	744,141,645
Clothing: (textile and fur)						
1945	2,676	99,959	131,478,496	251,899,847	222,307,384	476,754,319
1946	2,988	105,868	146,265,152	285,568,957	263,018,398	551,331,576
1947	3,121	110,329	166,951,727	311,018,817	300,527,093	614,594,703
1948	3,100	115,105	191,866,371	361,216,438	345,028,807	709,688,704
1949	3,058	117,752	206,512,782	371,128,833	352,741,236	727,498,836
1950	3,051	116,248	211,223,347	377,552,172	352,889,623	734,214,334
1951	3,083	115,733	222,364,947	405,347,118	370,672,177	780,012,025
1952[2]	3,041	117,668	240,539,672	443,956,596	405,091,338	853,151,206
Wood products:						
1945	7,656	93,209	119,833,932	240,482,275	208,979,657	454,447,165
1946	8,846	105,472	142,338,538	297,923,979	256,436,946	560,341,251
1947	9,744	120,434	186,467,946	398,854,196	365,050,223	771,403,332
1948	10,495	124,306	214,741,924	428,913,571	401,401,795	839,045,068
1949	11,191	121,632	224,902,644	436,637,453	393,928,758	840,355,634
1950	11,301	126,169	246,325,125	510,565,003	463,853,510	985,859,493
1951	11,975	131,278	283,062,074	610,807,577	529,300,377	1,153,376,772
1952[2]	12,467	130,468	299,430,981	618,979,510	534,155,313	1,167,629,531
Paper products:						
1945	475	60,819	109,627,174	255,265,326	241,121,150	536,859,861
1946	486	67,442	134,320,546	313,410,656	333,819,710	695,085,534
1947	502	73,445	168,632,394	410,456,570	443,374,435	911,238,813
1948	522	75,980	197,397,810	485,237,427	509,993,037	1,061,359,807
1949	524	76,471	208,348,621	494,300,501	532,288,636	1,093,060,326
1950	528	77,519	225,197,438	541,260,626	638,111,352	1,251,144,125
1951	547	82,889	276,521,006	683,488,653	827,924,962	1,589,842,162
1952[2]	543	82,965	292,682,283	694,190,401	736,217,142	1,510,148,791
Printing, publishing and allied trades:						
1945	2,312	43,565	74,257,775	52,655,848	132,385,988	186,945,134
1946	2,404	48,950	86,433,880	65,501,698	154,951,731	222,548,636
1947	2,458	52,096	101,611,652	82,585,466	178,667,051	263,632,152
1948	2,496	54,541	119,087,977	96,384,499	208,208,175	307,345,914
1949[1]	3,866	61,834	141,489,984	124,684,351	250,162,704	377,908,182
1950[1]	3,869	63,125	154,369,637	135,510,227	274,098,833	413,011,915
1951[1]	4,019	64,694	170,828,730	152,753,412	295,642,569	452,142,515
1952[2]	4,124	64,485	186,250,715	160,393,787	326,662,173	490,934,851

TABLE 3. Summary Statistics of Manufactures, by Industrial Groups, 1945-52 — Concluded

Industrial Group and Year	Establishments	Employees	Earnings	Cost of materials	Value added by manufacture	Gross value of products
	No.	No.	$	$	$	$
Iron and steel products:						
1945	1,903	169,278	313,966,173	395,624,098	527,473,688	952,482,150
1946	2,086	151,373	279,567,770	337,981,814	461,501,765	824,766,017
1947	2,200	162,399	334,044,246	451,289,335	580,342,444	1,064,654,410
1948	2,263	170,071	400,878,271	570,290,989	709,347,226	1,320,527,400
1949	2,347	163,622	413,227,553	619,499,256	760,934,249	1,419,145,725
1950	2,390	164,528	438,244,749	662,332,192	817,060,278	1,524,384,478
1951	2,435	183,323	547,314,615	860,565,510	991,334,800	1,904,650,130
1952[2]	2,625	189,191	617,010,924	947,993,190	1,134,043,024	2,135,031,744
Transportation equipment:						
1945	504	154,844	326,748,794	498,241,686	523,910,119	1,034,666,913
1946	539	100,745	200,097,765	301,206,839	279,333,127	590,128,311
1947	562	104,348	230,898,680	426,573,091	366,151,761	803,611,372
1948	578	101,816	255,504,526	509,910,825	419,133,597	941,483,906
1949	596	104,750	270,852,111	584,064,330	466,529,164	1,063,211,331
1950	601	104,176	290,436,378	674,833,465	552,171,399	1,239,579,727
1951	599	122,517	368,106,433	870,178,794	657,424,400	1,541,589,828
1952[2]	617	146,360	473,118,450	1,009,470,570	778,347,604	1,803,699,823
Non-ferrous metal products:						
1945	436	44,221	81,889,942	337,872,041	180,653,076	548,853,026
1946	474	40,855	75,855,699	311,082,975	148,492,336	484,618,453
1947	503	43,344	91,046,568	434,517,197	201,162,856	668,074,514
1948	503	46,048	108,778,616	556,238,618	248,225,806	844,598,154
1949	532	44,698	114,591,106	537,218,214	289,125,045	867,043,028
1950	536	44,680	119,535,596	606,691,788	311,539,390	960,751,814
1951	536	50,114	150,733,704	797,412,763	406,616,836	1,253,599,168
1952[2]	552	50,938	167,045,084	744,596,427	414,920,456	1,215,118,447
Electrical apparatus and supplies:						
1945	247	44,129	76,468,795	92,041,030	135,919,899	230,531,874
1946	266	43,998	74,510,479	101,939,272	129,968,926	234,572,653
1947	296	52,736	103,891,016	162,131,266	200,859,040	366,506,203
1948	314	53,873	122,113,644	180,344,829	241,333,960	425,725,279
1949	365	55,916	137,278,521	212,460,413	269,341,983	486,286,355
1950	382	60,262	155,334,065	260,306,027	315,136,176	580,578,386
1951	373	67,626	194,749,038	316,561,307	353,602,872	676,008,959
1952[2]	401	69,200	217,564,936	313,713,170	395,933,805	715,873,342
Non-metallic mineral products:						
1945	700	20,269	32,959,877	41,488,955	76,318,456	130,704,796
1946	833	24,387	39,651,286	49,957,966	94,591,439	160,476,827
1947	863	26,443	50,456,143	66,266,546	115,277,990	201,786,910
1948	934	27,278	58,816,381	72,577,633	134,897,744	232,148,324
1949	1,020	28,139	64,594,354	78,401,065	143,872,615	246,457,799
1950	1,045	29,603	72,380,410	91,168,605	168,377,747	286,541,363
1951	1,042	31,522	86,078,972	109,011,701	195,348,829	334,875,398
1952[2]	1,057	31,422	92,818,919	115,217,568	203,692,859	350,051,630
Products of petroleum and coal:						
1945	80	11,532	22,904,418	188,899,911	65,637,131	270,166,984
1946	77	12,106	24,197,354	190,527,903	79,046,757	286,007,855
1947	80	12,769	28,689,932	257,420,851	84,073,746	361,333,008
1948	75	13,678	34,766,341	369,035,161	97,064,006	491,961,894
1949	77	14,552	39,783,500	391,036,128	117,819,090	533,730,719
1950	76	15,177	44,425,368	442,418,483	144,488,664	616,126,299
1951	82	15,598	51,947,890	497,982,695	179,872,590	709,550,035
1952[2]	101	16,905	63,573,173	519,629,241	225,825,749	780,436,047
Chemicals and allied products:						
1945	986	61,339	107,050,824	228,855,956	252,944,165	498,630,798
1946	1,031	38,012	67,842,339	179,749,719	208,399,498	401,741,703
1947	1,046	39,237	78,993,517	238,310,157	234,056,973	488,307,293
1948	1,026	39,548	89,325,771	293,041,874	268,818,222	579,827,509
1949	1,037	41,328	100,690,662	280,008,945	288,171,551	587,398,215
1950	1,033	41,475	106,794,403	307,705,741	317,166,711	646,870,510
1951	1,037	45,664	131,310,151	366,957,695	384,026,141	776,489,391
1952[2]	1,075	47,694	148,075,675	357,818,760	414,087,592	796,562,234
Miscellaneous industries:						
1945	692	24,024	37,187,275	83,549,139	59,608,689	144,523,599
1946	706	20,567	30,262,299	48,617,375	58,718,602	108,607,036
1947	800	22,247	36,291,117	44,390,608	65,708,603	111,532,447
1948	814	22,315	40,906,054	48,007,617	75,510,756	125,116,374
1949	893	26,401	51,147,475	59,778,187	94,600,066	156,363,321
1950	1,007	27,219	56,409,875	67,469,334	99,628,735	169,312,602
1951	1,173	28,756	66,908,755	87,292,415	120,899,546	210,804,555
1952[2]	1,313	29,833	74,133,582	87,550,232	135,203,233	225,620,866

1. Increase is due to the inclusion for the first time of establishments who publish periodicals without doing any printing.
2. See footnote 5, Table 1.

The figures in Table 4 trace the tendencies in Canadian manufacturing industries as clearly as possible from 1917 to 1952. In analysing statistics of production and materials used, price changes should be borne in mind, particularly the inflation of values in the years immediately following World War I, the drop in prices of commodities during the depressions following 1921 and 1930, and the increases again in the recent war and post-war period. The figure that shows most clearly the trend of development is concerned with the use of power. The total horse-power employed increased from 1,658,475 in 1917 to 8,159,414 in 1948, an advance of about 392 p.c. in 31 years. In the same period, horse-power per production employee showed an interrupted trend from 3.06 to 10.82 in 1933 and 9.46 in 1939. With the large increase in the number of production employees on war production, and the more efficient utilization of the equipment available, the horse-power per production employee dropped to 6.28 in 1944; the increasing installation of power machinery and the decline in employment after the War resulted in a rise to 8.52 in 1948. The significant feature is the increase in both the absolute figures of power employed and the averages per production employee during the depression years as compared with 1929, although the large numbers of persons again finding employment since 1933 reduced the averages for the years 1934 to 1937 and again for 1940 to 1945. Other interesting comparisons are the trend of value added by manufacture, per employee, and of average earnings since 1929. Between 1949 and 1952 the value of purchased fuel and electricity increased by 28.5 per cent; for full details of fuel and electricity used by the manufacturing industries see Table 55.

TABLE 4. Significant Statistics of Manufactures for Certain Years, 1917-52

Item		1917	1920	1929[1]	1933
Establishments	No.	21,845	22,532	22,216	23,780
Totals, employees	"	606,523	598,893	666,531	468,658
Averages per establishment	"	27.8	26.6	30.0	19.7
Totals, earnings	$	497,801,844	717,493,876	777,291,217	436,247,824
Averages, per establishment	$	22,788	31,843	34,988	18,345
Averages, per employee	$	821	1,198	1,166	931
Supervisory and office employees	No.	64,918	78,334	88,841	86,636
Averages, per establishment	"	3.0	3.5	4.0	3.6
Earnings	$	85,353,667	141,837,361	175,553,710	139,317,946
Averages, per employee	$	1,315	1,811	1,976	1,608
Production workers	No.	541,605	520,559	577,690	382,022
Averages, per establishment	"	24.8	23.1	26.0	16.1
Earnings	$	412,448,177	575,656,515	601,737,507	296,929,878
Averages, per employee	$	762	1,106	1,042	777
Cost of materials	$	1,539,678,811	2,085,271,649	2,029,670,813	967,788,928
Averages, per establishment	$	70,482	92,547	91,361	40,698
Averages, per employee	$	2,539	3,482	3,045	2,065
Values added by manufactures[3]	$	1,281,131,980	1,621,273,348	1,755,386,937	919,671,181
Averages, per establishment[3]	$	58,646	71,954	79,015	38,674
Averages, per employee[3]	$	2,112	2,707	2,634	1,962
Gross value of products	$	2,820,810,791	3,706,544,997	3,883,446,116	1,954,075,785
Averages, per establishment	$	129,128	164,501	174,804	82,173
Averages, per employee	$	4,651	6,189	5,286	4,170
Power employed	H.P.	1,658,475	2,068,875	3,855,648	4,135,008
Averages, per establishment	"	76	92	174	174
Averages, per production worker	"	3.06	3.97	6.67	10.82

Item		1939	1944	1949	1952
Establishments	No.	24,805	28,483	35,792	37,929
Totals, employees	"	658,114	1,222,882	1,171,207	1,288,382
Averages, per establishment	"	26.5	42.9	32.7	34.0
Totals, earnings	$	737,811,153	2,029,621,370	2,591,890,657	3,637,620,160
Averages, per establishment	$	29,744	71,257	72,415	95,906
Averages, per employee	$	1,121	1,660	2,213	2,823
Supervisory and office employee	No.	124,772	192,558	221,551	263,027
Averages, per establishment	"	5.0	6.8	6.2	6.9
Earnings	$	217,839,334	418,065,594	628,427,937	923,905,251
Averages, per employee	$	1,746	2,171	2,836	3,513
Production workers	No.	533,342	1,030,324	949,656	1,025,355
Averages, per establishment	"	21.5	36.2	26.5	27.0
Earnings	$	519,971,819	1,611,555,776	1,963,462,720	2,713,714,909
Averages, per employee	$	975	1,564	2,068	2,647
Cost of materials	$	1,836,159,375	4,832,333,356	6,843,231,064	9,146,172,494
Averages, per establishment	$	74,024	169,657	191,194	241,139
Averages, per employee	$	2,790	3,952	5,843	7,099
Values added by manufactures[3]	$	1,531,051,901	4,015,776,010	5,330,566,434	7,443,533,199
Averages, per establishment[3]	$	61,724	140,989	148,932	196,249
Averages, per employee[3]	$	2,326	3,284	4,551	5,777
Gross value of products	$	3,474,783,528	9,073,692,519	12,479,593,300	16,982,687,035[4]
Averages, per establishment	$	140,084	318,565	348,670	447,749
Averages, per employee	$	5,280	7,420	10,655	13,185
Power employed	H.P.	5,045,287	6,468,439	[2]	[2]
Averages, per establishment	"	203	227	[2]	[2]
Averages, per production worker	"	9.46	6.28	[2]	[2]

1. A change in the method of computing the number of production workers in the years 1925 to 1930, inclusive, increased the number somewhat over that which the method otherwise used would have given. There was, therefore, a proportionate reduction in the averages for 1925-30 per employee as compared with what these averages would have been under the other method. In 1931, however, the method in force prior to 1925 was re-adopted. The figures for 1931 and later years are therefore comparable with those for 1924 and earlier years.
2. Not collected since 1949.
3. See footnote 1, Table 1.
4. See footnote 5, Table 1.

Consumption of Manufactured Products.— One of the beneficial results of adopting the same classification for external trade and for production is exhibited in Table 5, where the value of commodities made available for consumption in Canada is derived from these statistics. For example, the value of all manufactured commodities made available in 1952 was $17,215,524,423, a figure obtained by adding to the value of manufactured products the value of the imports of manufactured and partly manufactured goods and deducting the value of the exports. In this table more accurate statistics could be presented were it possible to exclude from the gross value of manufactured products the duplications involved when the products of one manufacturing establishment become the material worked upon in another. Iron, vegetable, wood and paper, animal and textiles were, in that order, the leading groups in the value of finished products made available for consumption in 1952.

Animal, wood and paper, and non-ferrous metal products were manufactured in Canada in greater quantities than required for home consumption, providing export balances in these groups.

On balance, Canada in the past imported large quantities of iron and steel, textiles, chemicals and non-metallic mineral products in spite of large home production. The expansion of the iron and steel, chemical and non-metallic mineral products industries will enable Canada to meet more of her requirements for home consumption and to export greater quantities in the future.

Significant changes have taken place since 1939 in the type of manufactured products made available for consumption. In that year, the iron and its products group was in leading position and contributed 19.8 per cent of the total value of manufactured products. In 1952 this group was still in first place, but the percentage went up to 28.4. The non-ferrous metal and non-metallic mineral products groups also increased their share of the total. The mineral groups thus increased their share of the total from 35.9 to 45.2 per cent. This indicates a higher standard of living for the Canadian people and also reflects the great expansion and diversification in manufacturing which has taken place since 1939. The industries producing consumer goods, on the other hand, suffered a relative decline. Vegetable products dropped from 19.6 to 14.7 per cent, textiles from 13.3 to 10.1 per cent, animal products from 11.8 to 10.2 per cent, etc. The following table gives the relative position of the major industrial groups in 1939 and 1952.

Manufactured Products Made Available for Consumption

(Percentage of the Total)

Group	1939	1952	Group	1939	1952
Vegetable products	19.6	14.7	Non-ferrous metal products	8.9	9.3
Animal products	11.8	10.2	Non-metallic mineral products	7.2	7.5
Textiles and textile products	13.3	10.1	Chemicals and allied products	5.3	4.7
Wood and paper products	11.6	11.9	Miscellaneous industries	2.5	3.2
Iron and its products	19.8	28.4	**Total**	**100.0**	**100.0**

TABLE 5. Consumption of Manufactured Products, 1928-52, and by Industrial Groups, 1952

Year	Value of products manufactured	Manufactured and partly manufactured goods[1]		Value of manufactured products available for consumption
		Value of net imports	Value of domestic exports	
	$	$	$	$
1928	3,582,345,302	954,387,551	698,376,615	3,838,356,238
1929	3,883,446,116	939,130,201	686,876,071	4,135,700,246
1930	3,280,236,603	675,828,233	490,108,470	3,465,956,366
1931	2,555,126,448	423,519,849	347,456,198	2,631,190,099
1932	1,980,471,543	281,855,757	267,765,614	1,994,561,686
1933	1,954,075,785	298,068,344	365,232,113	1,886,912,016
1934	2,393,692,729	357,320,284	419,094,297	2,331,918,716
1935	2,653,911,209	385,597,041	582,041,141	2,457,467,109
1936	3,002,403,814	468,455,981	676,890,803	2,793,968,992
1937	3,625,459,500	566,876,483	781,099,407	3,411,236,576
1938	3,337,681,366	472,193,253	587,758,795	3,222,115,824
1939	3,474,783,528	542,364,930	646,853,938	3,370,294,520
1940	4,529,173,316	807,636,948	913,049,979	4,423,760,285
1941	6,076,308,124	1,123,994,913	1,292,855,603	5,907,447,434
1942	7,553,794,972	1,283,884,068	2,056,368,079	6,781,310,961
1943	8,732,860,999	1,305,838,746	2,444,862,298	7,593,837,447
1944	9,073,692,519	1,302,413,996	2,668,575,781	7,707,530,734
1945	8,250,368,866	1,117,544,874	2,352,441,796	7,015,471,944
1946	8,035,692,471	1,390,123,100	1,701,677,026	7,724,138,545
1947	10,081,026,580	1,928,250,119	2,124,740,343	9,884,536,356
1948	11,875,169,685	1,869,702,089	2,259,247,456	11,485,624,318
1949	12,479,593,300	2,043,583,929	2,017,055,615	12,506,121,614
1950	13,817,526,381	2,289,162,070	2,239,733,915	13,866,954,536
1951	16,392,187,132	3,034,709,829	2,749,091,256	16,677,805,705
Industrial Groups, 1952[2]				
Vegetable products	2,519,179,224	238,550,554	235,150,632	2,522,579,146
Animal products	1,801,102,780	46,431,555	89,096,924	1,758,437,411
Textiles and textile products	1,524,985,439	250,207,749	26,088,173	1,749,105,015
Wood and paper products	3,184,797,667	128,533,506	1,271,578,274	2,041,752,899
Iron and its products	3,922,647,073	1,359,518,854	384,612,567	4,897,553,360
Non-ferrous metal products	1,930,991,789	245,819,343	571,140,444	1,605,670,688
Non-metallic mineral products	1,130,487,677	249,979,373	96,045,997	1,284,421,053
Chemicals and allied products	744,630,244	185,943,668	124,565,264	806,008,648
Miscellaneous industries	223,865,142	420,396,731	94,265,670	549,996,203
Totals, 1952	**16,982,687,035**	**3,125,381,333**	**2,892,543,945**	**17,215,524,423**

1. Figures for the years 1928-38 are for the fiscal years ended Mar. 31 of the following years: for 1939-52 they are for the calendar year. Net imports are total imports less foreign products re-exported.

2. Consumption figures for the major groups of the Standard Industrial Classification cannot be calculated as statistics of imports and exports are still compiled on the component material classification basis.

Section 2. Value and Volume of Manufactured Products

Value of Manufactured Products.— In the interpretation of manufacturing values over a number of years, variations in the level of prices must be borne in mind. In recent years, due to violent changes in prices, unadjusted value series, used in isolation, have become increasingly inadequate as indicators of economic trends. Of necessity, interest has shifted to measures of volume. The range of prices since 1917, on the base period 1935-39 = 100, was as follows:

Year	General Wholesale	Fully or Chiefly Manufactured Products
1917	148.9	150.9
1920	203.2	208.2
1929	124.6	123.7
1933	87.4	93.3
1939	99.2	101.9
1951	240.2	242.4
1952	226.0	230.7

Volume of Manufactured Products.— Since real income is ultimately measured in goods and services, the growth of the volume of manufacturing production, as distinguished from its value, becomes a matter of great significance. The important thing to know is whether consumers are getting more goods and services, and not whether they are expending more dollars and cents. The field of industrial production, because of its dominating position in the national economy, has attracted increasing attention. This, in turn, has resulted in the need for more accurate measurements of physical output.

During the past few years, the Business Statistics Section of the Bureau's Research and Development Division has been engaged in the reconstruction of the Index of Industrial Production. The project consisted mainly of establishing annual gross and net levels of production for each industry from census of industry data and of improving the reliability of the current monthly series. For a description of the methods used in constructing the indexes and a description of its scope, see D.B.S. Reference Paper No. 34 "Revised Index of Industrial Production, 1935-1951".

The construction of this index was made possible by the availability of a great deal of basic data. Annual statistics valuable for this project have been collected by the Bureau without interruption from the end of the first World War to the present and the scope of the monthly information has been greatly expanded. Applying the methods developed through the experience of the last quarter century, it has been possible to compute an index with a fair measure of accuracy from 1935 to the present.

Prior to the end of the first World War, the movement of industrial production was regarded as following the output of a few factors such as pig iron. The introduction of the index number placed the information on a much wider base. It is safer to base one's impression of the current trend upon a comprehensive index embracing a wide range of economic factors than upon any limited group of components that necessarily fluctuate according to particular influences.

An index of this kind offers considerable advantage in analyzing social and economic problems. The greatest call for the index is for the interpretation of current economic conditions. It is particularly relevant in the study of business fluctuations. While the index is based on the sectors of the economy that are particularly sensitive to short term influences, it also reflects a large part of the variations in the total of all economic activity. The output of mines and factories plays a dominant part in economic fluctuations and is closely associated with transport and trade which are mainly concerned with the distribution of commodities. The barometric nature of the industrial sector enhances the value of the index as an indicator of short-term movements but its usefulness in the interpretation of long-term economic developments should not be overlooked.

The Canadian annual Census of Industry, from which final benchmark indexes are computed, covers practically all establishments, but excludes work in the home. In the matter of repairs, the census of manufactures generally excludes work performed in connection with a service trade such as boot and shoe and automobile repairs. However, the census covers repairs carried on essentially under industrial conditions, such as ship and locomotive repairs. Consequently only industrial-type repairs are included in the index.

The framework of the revised index is based on the new Standard Classification of Industries prepared by an interdepartmental working committee. The preceding system used by the Bureau of Statistics was of a three-fold nature based on (1) chief component material; (2) purpose and (3) origin. The first principle was used most extensively, the criteria of purpose and origin having been used for the presentation of supplementary series which played a secondary role in Bureau publications.

The main innovation introduced in the Standard Classification was the compromise between the different principles. In recent years, Canada's industrial system has undergone considerable development, from a country primarily concerned with the early stages in the processing of primary materials to one that is turning out more and more goods for final consumption. Consequently, in establishing the new classification, the concept of "purpose" has been combined with that of "chief component material" in the framework of the classification of manufacturing industries. The purpose phase was regarded as most appropriate for the wide range of consumer goods such as clothing and foods and beverages.

The industries grouped under the component material phase of the classification from 1935 to 1948 were re-arranged to conform with the standard model. As most of the industries were not greatly affected by the change in classification they were transferred intact to the proper position in the new system. The standard classification, for the most part, provided for comparability at the industry level. It was applied to establishments for the first time in the 1949 census of manufactures. In a number of industries, where the change in classification seriously disturbed the continuity, establishments were re-combined for the whole period covered by the index. The manufacture of synthetic rubber, for example, was transferred from the rubber industry to "miscellaneous chemicals". Plants engaged in the production for distribution of manufactured gas were transferred from "coke and gas" to the gas and electricity division. The salt industry was adjusted so as to comprise only processing operations for inclusion in the manufacturing division of the index. Three minor industries which were reclassified to non-industrial groups were dropped from the computation.

The appropriate series in the manufacturing division were re-classified to obtain sub-indexes of economic significance. The movement of durable goods normally varies from that of non-durables. There tends to be greater fluctuation in durables from prosperity to depression, the demand for non-durables being more constant. The manufacturing division was therefore divided, at the major group level, as between durable manufactures and non-durable manufactures. Although these groupings are rather rough and ready, they are of great use in economic analysis. The classification into producers' and consumers' goods, attempted in some countries, involves more difficulty as many intermediate commodities have alternate uses, and was not attempted here.

Volume of Production, 1923-35.— The indexes of volume of production, 1923-1935 given in Table 6 below were constructed in the General Manufactures Section of the Industry and Merchandising Division for the years 1923 to 1946. On comparing the index for 1935 given in Table 6 which stood at 87.9 with the new index for 1935 at 86.5 given in Table 7, it would appear that for the back years little significant variation existed between the two series. The indexes in Table 6 may therefore be used in evaluating the changes in the volume of manufacturing production between 1923 and 1935.

The physical volume of manufacturing production increased 50 p.c. from 1923 to 1929. When it is recalled that the population of Canada is estimated to have increased only 11 p.c. during the same period, the growth of manufacturing production is indeed remarkable. Of this advance, the part resulting from an increase in the domestic demand due to growth of population would therefore be about 11 p.c. Exports of partly and fully manufactured goods increased from $591,830,000 in the fiscal year ended Mar. 31, 1924, to $686,876,000 in the fiscal year 1929-30, the increase in exports representing about 3.6 p.c. of the 1923 production. The remainder of the increase in production by 1929, or a margin equal to roughly 35 p.c. of the volume of manufactures of 1923, was, therefore, apparently absorbed by increases in capital equipment and by the rise in the standard of living of the population of Canada. From a high of 101.4 in 1929 the volume of production declined to 67.6 in 1932 and climbed again to 87.9 in 1935.

TABLE 6. Indexes of the Volume of Manufacturing Production, According to the Component Material Classification, 1923-35

(1935-39 = 100)

Year	Vegetable	Animal	Textiles	Wood and paper	Iron	Non-ferrous metal	Non-metallic mineral	Chemicals	Miscellaneous	All industries
1923	62.6	75.0	64.3	65.1	81.5	42.7	81.8	59.2	99.5	67.5
1924	67.8	80.4	62.1	64.0	68.6	46.4	78.9	60.5	95.0	66.3
1925	75.1	84.8	66.5	69.0	79.9	52.5	80.3	64.8	94.5	72.5
1926	80.2	92.2	75.8	78.1	102.6	58.6	89.6	70.5	104.4	82.5
1927	84.9	90.0	81.4	84.1	104.1	67.6	102.3	75.2	114.2	87.9
1928	93.5	92.9	87.0	92.5	117.1	75.3	116.3	82.7	110.5	95.8
1929	96.4	87.9	86.1	99.6	133.4	81.3	137.1	84.8	105.6	101.4
1930	91.6	85.3	80.0	92.1	108.6	76.8	122.9	74.9	87.8	91.9
1931	83.4	77.4	78.2	76.6	82.8	73.1	105.6	69.2	80.0	79.9
1932	74.1	76.7	74.6	68.0	53.5	58.9	75.1	66.0	75.8	67.6
1933	72.8	79.6	81.1	69.6	50.2	57.6	68.8	69.9	71.9	67.7
1934	82.4	86.5	89.5	81.5	67.6	70.8	82.5	79.3	85.2	79.6
1935	87.0	91.3	94.5	89.5	83.4	81.2	88.1	87.2	91.1	87.9

Volume of Production, 1935-1952. The period covered by this report was characterized by unprecedented industrial expansion. Emerging from a depression practically world-wide in scope, industrial operations in this country entered a period of rapid growth which was maintained throughout the war and post-war years without important interruption.

A problem confronting business economists is to determine how much of the post-war industrial "drive" was due to normal growth factors and how much of it was caused by the backlog of war accumulated demand. While it is true that the greatest demand accumulation took place in housing and consumer durables, non-durables such as textiles and clothing also started the post-war period with a sizeable backlog of unfilled demand. It is now becoming apparent, after the vigorous pace of business following the outbreak of hostilities in Korea, that a considerable portion of this demand has been satisfied and some industrial, notably textiles, clothing, agricultural implements and some major appliances, are experiencing difficulties. However, overall prospects appear bright for the near future. The increased productive activity which will result from the present very high level of capital investment is not as yet fully reflected in current production statistics. Huge expansion and development programmes are well under way in iron ore, aluminum and other metals, oil, chemicals, electric power, and in a number of other industries. In addition, federal government expenditures for national defence should still exert some influence on the economic picture.

The volume of output of manufactures rose steeply after the outbreak of hostilities in 1939. Productive facilities responded quickly to the urgent requirements of the armed forces. In the early days of the war, production assignments alloted were comparatively simple, but as the pre-war weapons became obsolete and as Canada proved herself capable of turning out larger and more complex equipment, the assignments constantly shifted, changed and grew more difficult. The production figures merely suggest the magnitude of the achievement. They cannot describe the tremendous effort needed to convert a semi-agricultural country into a wartime arsenal nor the complications which arose because of shortages of manpower, tools and materials.

The productive peak was reached in 1944, when weapons, supplies and equipment were rolling off the assembly lines at record-breaking pace. The end of hostilities and the subsequent reconversion to peace-time production were attended with declines in output in 1945 and 1946. The upward trend was resumed, however, in 1947. The rate of advance slackened moderately in 1948 and 1949 but regained most of its 1947 impetus in 1950 when the renewal of hostilities in Korea resulted in heavy anticipatory buying on the part of consumers and in growing expenditures for national defence. A remarkable feature is that in 1952, the index of the volume of manufacturing production which stood at 246.3 had surpassed the record wartime level of 242.3 established in 1944.

TABLE 7. Indexes of the Total Volume of Manufacturing Production, Classified on the Basis of Durable and Non-Durable Goods, 1935-1952

(1935-39 = 199)

Year	All manufactures	Non-durable manufactures	Durable manufactures
1935	86.5	89.0	82.7
1936	95.5	97.1	93.1
1937	109.3	106.7	113.2
1938	100.6	98.9	103.2
1939	108.1	108.2	107.9
1940	134.4	124.6	149.7
1941	175.9	148.7	218.5
1942	215.7	169.4	288.1
1943	234.5	171.5	333.0
1944	242.3	179.8	340.1
1945	209.8	176.3	262.1
1946	189.9	180.2	205.1
1947	207.7	191.2	233.5
1948	215.5	197.1	244.4
1949	217.0	198.2	246.3
1950	228.1	208.3	259.1
1951	242.1	214.0	285.9
1952	246.3	215.2	294.8

Non-durable Manufactures

The trend of output in the non-durable sector of manufacturing was visibly smoother than in the durable sector. Except in two years, 1938 and 1945, there has been no interruption in the upward movement of production during the period under review. Despite the fact that war contracts quickened the pace of output in some of the industries, production continued to expand after the war, although at a slower rate. Unlike durable goods, non-durable commodities are mostly consumers' goods and are less influenced by sudden changes in the international situation or the capital investment programmes of producers and governments. By 1952 the non-durables index of output had reached 215.2, the highest on record.

The production of **processed foods and beverages** rose without pause throughout the period. A characteristic of most manufactured foods industries is the high ratio of the value of materials consumed to the value of products, indicating a relatively low degree of fabrication per unit of output. The "net" aggregates for these industries are consequently extremely sensitive to even minor changes in the composition of production or in the amount of processing applied to the raw materials. The advance in the production of beverages was practically uninterrupted from 1935 to the present. In 1952, the volume of output was more than 3 times what it was in the base period. The largest increases were recorded in the **aerated waters** and brewing industries. The indexes of these industries attained levels approaching 355 and 353 in 1952. **Wine** production, after reaching a peak in 1947, dropped 36 per cent in the following three years. Some recovery was recorded in 1951 and 1952 when the index rose to within 22 per cent of the peak. Output of **liquor** climbed steadily until 1946 when the index reached 209. During the next four years, the volume of production fluctuated within narrow limits and in 1952 advanced sharply to an index level of 260.

The great demand for cigarettes for members of the armed forces during the war contributed largely to the considerable increase in the **tobacco products** index which reached the record level of 230 in 1945. The index dropped to 204 the following year, but rose gradually thereafter to 228 in 1950. Weakening demand led to a decline of 7 per cent in 1951. Rapid recovery was made in 1952 with the index rising to 242.3 the highest on record.

The contribution of the **"Rubber Products"** industry to the war effort was mainly in the form of tires and tubes for military vehicles and aircraft. Production of passenger car tires and tubes was sharply curtailed as was the output of rubber footwear. After marked increases in 1940 and 1941, the index remained more or less stationary at around 150 until 1945 when civilian production was resumed and the index jumped to 180. The industry-wide strike in 1946 contributed to a decline in that year, but record-breaking demand for the industry's output led to sharp advances in the following years, and in 1951 the index had reached the maximum level of 264. In 1952 there was a drop of 7 per cent, the index falling to 246.

Output of **leather products** rose steadily until 1946 when the index reached a high point of 168. The subsequent easing of foreign demand for the industry's products contributed to the gradual decline of production in the post-war period with the result that this industry has shown the smallest growth of any in the manufacturing sector. In 1952, volume of output was only 28 per cent greater than in the base period. Production of leather tanneries was actually 10 per cent lower than in 1935-39, but output of boots and shoes was 51 per cent higher. Since 1946 the overall index dropped 24 per cent.

The **textile (ex. clothing)** industries reached their maximum wartime level of output in 1942 when the net index stood at 187. Production then fell off gradually until 1946 but recovered sharply in the post-war period to an index level of 212 in 1950. A slackening of demand for textile products in the latter half of 1951 resulted in a moderate decline in the index for that year with a further drop to 184 in 1952. The movements of individual industries within the group have varied over the period. After reaching its highest level in 1942, the production of **cotton goods** declined steadily until 1947. After varying but fractionally in 1948 and 1949, output jumped 16 per cent in 1950, and remained practically unchanged in 1951, the recession in the last six months of the year just about offsetting the gains recorded in the first half. With continuing adverse conditions, the index dropped to a post-war low of 123 in 1952. Contributing to the higher level of net output during the period 1940-1943 in this industry was the comparatively sharp increase in production of piece-dyed and printed and painted fabrics which require considerably more processing than ordinary grey fabrics. When output of these two types of cloth declined to more normal levels, the change was reflected in the annual indexes.

Since 1938, the production index for **synthetic textiles** showed an unbroken record of increases and in 1951 stood at 393. In 1952 the index declined to 344. Much of the credit for increasing consumer acceptance of synthetics belongs to the achievements of research in improving manufacturing and dyeing techniques and in the development of new combinations of various fibres with a new range of qualities and practical applications.

Synthetic fibres are now being used in the fabrication of a host of commodities such as suitings, overcoatings, blankets, carpets, draperies, upholstery products, tire fabrics, etc., in addition to hosiery, dress fabrics and other women's wear. Moreover, Canadian producers are now supplying the bulk of domestic synthetic raw material requirements which were formerly imported from the United States. As a result, new investment outlays by the industry have increased considerably in the post-war period.

The trend in the physical output of **clothing** was similar to that of other textiles, the production index reaching a peak of 162 in 1942, then declining gradually until 1945. Since then, output fluctuated within narrow limits, rising to a post-war high of 159 in 1949, a low of 150 in 1951 and with a further rise to 154 in 1952. The industry is now facing keen competition and a more selective retail demand. By improving manufacturing methods and styling, the industry hopes to make available more desirable merchandise at lower prices. Weak demand contributed to a marked decline in the level of new investment in durable physical assets. Funds expended for new plant, machinery and equipment dropped from $15.7 million in 1949 to $11.9 million for 1950, and rose to an average of $13.5 million in 1951 and 1952.

Production of **paper products** advanced sharply in the post-war period. The level of the index remained relatively steady from 1941 to 1944, but increased 54 per cent in the succeeding seven years to a record figure of 248. In 1952 the index dropped to 236. Activity in this sector of manufacturing is influenced mainly by the **"Pulp and Paper"** industry, which, in terms of value added, is the most important single manufacturing industry. In the last few years, the net value contributed by pulp and paper mills was more than twice that of any other industry. The growth of this industry during the period under review was characterized by two distinct phases. From 1935 to the end of the war, new investment by the industry was designed mainly to replace worn-out machinery and equipment and increases in output were principally the result of utilizing idle capacity after the depression of the thirties. Since 1945, however, with strong world demand for wood pulp and newsprint, together with the availability of necessary materials for expansion, the construction of new plant and the installation of new machinery and equipment reached record proportions and the volume of output rose about 60 per cent in 1951. Investment in new plant and equipment, which averaged $79 million during the previous five years also reached a record total of $125 million in 1951.

In recent years, a greater proportion of pulp retained for consumption in Canada has been used for the manufacture of fine papers. The increase in newsprint production in later years has not kept pace with the more processed varieties of paper. In the base period, for example, newsprint accounted for 71 per cent of the total volume of output in the industry, whereas in 1947 it contributed only 61 per cent. This was a factor in the increasing ratio of net output to gross output in the post-war period. Another contributing cause was the declining consumption of purchased power per unit of output. This appears to be evidence of the greater utilization of capacity and technological progress. A counter-acting influence was the gain in pulp made for export, which resulted in a drop in proportion of the quantity available for further processing in Canada.

The **printing and publishing** industries expanded very little during the war years. In 1944, output was only about 15 per cent greater than in the base period. Production grew rapidly, however, after the end of hostilities and in 1952, volume of output was nearly double what it was in the five pre-war years, although this represents a substantially smaller advance than total manufacturing. The post-war increase coincided with the gain in the value of new investment which was mainly in the form of machinery and equipment to make up for deficiencies dating back to the depressed thirties and the war years. Investment in fixed assets totalled $24 million in 1951 and $14 million in 1952 as compared with only about $2 million in 1944 and 1945.

With few interruptions, output of **petroleum and coal** products rose steadily over the period under review to an index of 295 in 1952. Although production of **coke** failed to exceed its record wartime volume, **petroleum refining,** as the result of record-breaking post-war demand for gasoline and fuel oils, showed a marked expansion. In 1952, the production index stood at 347 compared with a wartime high of 170 in 1944. In recent years, the industry has added substantially to its refining capacity. From 1947 to 1951, expenditures for new plant, machinery and equipment which averaged more than $37 million a year rose to $60 million in 1952. Some of this rapid growth is associated with the remarkable progress made in the exploitation of western crude oil reserves. In 1952, oil from domestic wells represented 41 per cent of the total consumed by Canadian refineries. This compared with a contribution of 22 per cent in 1949.

Output of **chemical products** which include ammunition and explosives reached a record-high level in 1944 when the index stood at 390. Production in the post-war period has been at a considerably lower level, but increased significantly since 1950, with the advent of the defence programme. The expansion of the industry during the war made possible the manufacture of many products which were formerly imported. In addition, several entirely new products, such as synthetic rubber, were introduced. Demand for these commodities continued in the post-war period and the development of new sources of basic materials, together with the progress of research into additional commercial uses for these new compounds resulted in further expansion of production for civilian use.

The rapid wartime advance was mainly the result of the enlargement of the munition programme with the government and private industry combining forces in the construction of a huge explosives and ammunition-filling industry. At its peak in 1943, the production index for **explosives and ammunition** was 20 times higher than in the base period. Output dropped very rapidly after the end of the war and in 1946 the index was down to 107.

Since the Government-owned Polymer Corporation began producing **synthetic rubber** in 1943, output of this important commodity has expanded considerably, to a total of 83,000 tons in 1952. Production declined somewhat in 1947 and 1948 when imports of natural rubber were resumed, but recovered strongly to record levels since 1950, as the defence programme gathered momentum and as the rubber requirements of the motor vehicles industry rose to a new maximum. During 1952, synthetic rubber accounted for 49 per cent of total new rubber consumed in Canada. This commodity is classified to the **"Miscellaneous Chemicals"** industry.

TABLE 8. Indexes of the Volume of Manufacturing Production of the Groups Comprised within the Non-Durable Manufactures Classification, 1935-1952

(1935-39 = 100)

Year	Non-durable manufactures										
	Foods	Beverages	Tobacco and tobacco products	Rubber products	Leather products	Textile products (except clothing)	Clothing (textile and fur)	Paper products	Printing, publishing and allied trades	Products of petroleum and coal	Chemicals and allied products
1935	88.8	78.6	80.7	87.9	95.9	91.1	91.8	90.0	93.9	87.6	85.7
1936	97.7	93.2	88.9	96.2	96.3	101.7	97.0	98.9	99.5	95.7	92.1
1937	101.6	109.5	101.2	112.3	105.7	110.2	104.8	114.0	105.6	104.6	107.4
1938	102.5	107.2	110.9	97.0	93.3	88.8	98.4	91.7	98.9	102.7	103.5
1939	109.4	111.5	118.2	106.6	108.7	108.2	108.0	105.4	102.2	109.4	111.3
1940	119.4	131.0	126.6	116.5	116.1	147.6	125.5	126.6	102.1	125.9	136.2
1941	139.1	151.9	140.9	154.4	141.1	167.5	141.8	143.7	113.4	141.1	210.9
1942	144.3	174.5	171.5	150.6	150.0	186.8	161.9	143.4	114.4	138.2	345.8
1943	156.0	162.0	183.8	147.0	151.1	172.1	156.7	140.0	111.7	150.0	369.3
1944	171.1	190.5	200.6	149.0	149.6	162.0	147.1	149.1	114.9	171.8	390.4
1945	170.0	205.1	230.2	180.2	155.0	160.5	146.6	161.2	125.8	167.5	292.8
1946	177.2	234.4	204.4	158.0	167.9	161.7	152.9	188.9	143.8	167.4	237.7
1947	181.5	249.4	211.9	230.7	148.7	172.9	147.7	207.4	163.3	181.2	245.5
1948	183.0	270.9	215.8	227.6	129.6	180.2	156.0	217.7	177.2	199.0	243.2
1949	180.3	285.7	224.4	208.5	133.5	186.0	159.4	213.7	183.8	218.0	239.5
1950	183.6	282.9	227.5	251.9	126.8	212.4	155.7	230.4	195.3	243.5	253.7
1951	188.7	297.7	212.2	264.3	117.0	208.6	149.7	247.8	194.7	274.9	267.8
1952	195.5	323.6	242.3	246.4	128.0	184.1	154.4	235.5	192.4	295.1	272.4

Durable Manufactures

The tremendous increase in physical output during the war years was mostly concentrated in the durable goods sector. When war was declared in September, 1939, there were virtually no armament works, no production of large ships and large planes, no guns, no tanks. Within a few years Canadian plants were turning out naval and merchant ships, warplanes ranging up to the 15-ton Lancaster bomber, military vehicles, millions of rounds of ammunition and hundreds of other war items. On the base of 1935-39 the new volume index of durable manufactures reached a peak of 340 in 1944. In the following two years it declined sharply and stood at 205 in 1946. Since then it has regained almost half the lost ground, and reached 295 in 1952.

The largest gain occurred in the output of **transportation equipment.** Due principally to the tremendous increases in production of ships and aircraft, the index for this group of industries rose to the record level of 694 in 1944, the year of maximum war production. After reaching a post-war low of 222 in 1946, the index rose moderately during the next three years, but, spurred by the great demand for passenger cars and by the renewal of defence production, marked gains were made since 1950, with the index climbing to 373 in 1952.

The **iron and steel** group of industries was also considerably affected by war requirements. As most of the industries in this sector were more firmly established in the pre-war period, they did not expand relatively to the same extent as shipbuilding and aircraft. When European supplies were cut off early in the war, the Canadian basic steel industry had to rely on the United States for a greater supply and had to increase its own steel-making capacity to meet abnormal wartime requirements. However, development of the industry did not halt with end of hostilities. Canada's industrialization programme, together with strong post-war demand for consumers' durable goods, led to steady expansion of the industry so that by 1952, compared with pre-war, pig-iron output had more than tripled and steel ingot and casting production had risen by 179 and 129 per cent respectively. A considerable volume of additional capacity is now under construction and should reduce still

further the country's dependence on United States imports of finished and semi-finished iron and steel shapes. Indicative of the rapid growth of the industry in recent years is the amount of funds expended for new plant, machinery and equipment. From a total of $44 million in 1950, new investment jumped to $97 million in 1951 and $73 million in 1952.

To meet the need for electrical and radar equipment and signalling devices, the **"Electrical Apparatus and Supplies"** industry manufactured articles during the war which were previously not made in Canada. Output of civilian radio receiving sets and appliances was severely curtailed as the industry converted the major part of its productive capacity to the manufacture of war instruments. The production index reached a wartime peak of 312 in 1944 and declined during the next two years. The industry recovered rapidly, however, as a result of accumulated demand for radios, consumers' appliances and heavy electrical equipment, and by 1952 the index had jumped 60 per cent from its 1946 post-war low, to a level of 393.

Production in the **non-ferrous metals** group of industries reached a wartime maximum in 1943 when the net index stood at 285. During the next three years, output dropped 44 per cent, but recovered steadily thereafter, backed by sustained demand for base metals. Aluminum is being fabricated into an ever-increasing variety of commodities, and production of aluminum bars and rods, sheets, shapes, etc., reached record proportions in the post-war period. During the war years, aluminum sheet production was of a strong alloy type used principally in aircraft construction and required more fabrication than the regular type of sheet used in the production of cooking utensils and other civilian items. The index in 1952 stood at 232.

Military requirements did not affect the nature of output in the **non-metallic mineral products** group of industries. In war or peace, the bulk of production consists of construction materials such as cement, cement products, building brick, lime and gypsum products, glass, stone products, etc. During the war, under government control, a major proportion of these industries' products were channelled into construction of new war production plants, extensions to pre-war plants, housing for war workers and the building of training and operation facilities for the armed services. No serious reconversion problems were encountered by the non-metal industries immediately following the war. After a slight pause, following the peak of wartime output, plants turned their productive capacity towards meeting the unprecedented demands of the post-war construction boom. From a wartime maximum of 212 in 1943, the volume index dropped moderately in 1944 and 1945, but rose steeply in succeeding years to reach the record level of 346 in 1952.

In the durables sector, the **wood-using** industries were the least affected by the war. The volume of output of wood products expanded steadily without any serious interruption throughout the war and post-war years. In 1951 the index stood at 221, the highest on record, declining to 214 in 1952. The two most important industries are **"Sawmills"** and **"Furniture"**. The index representing the former, after reaching a wartime maximum of 140 in 1942, declined considerably in 1943, and hovered around 124 during the next two years. Beginning in 1946, output rose sharply, spurred by strong foreign and domestic demand for sawn lumber and by 1951, the index had advanced to 168, but declined to 164 in 1952. Production in the furniture industry expanded throughout the period under review. The great increase in residential construction in the post-war period, together with the marked gain in new family formations created a boom for producers of house furnishings. Output of furniture jumped sharply in the three years immediately following the end of the war and rose more gradually during the subsequent period. The volume index reached a maximum of 234 in 1951 and 225 in 1952.

TABLE 9. Indexes of the Volume of Manufacturing Production of the Groups Comprised within the Durable Manufactures Classification, 1935-1952

(1935-39 = 100)

Year	Durable manufactures						
	Wood products	Iron and steel products	Trans-portation equipment	Non-ferrous metal products	Electrical apparatus and supplies	Non-metallic mineral products	Miscellaneous manufactures
1935	85.3	80.5	90.0	78.5	83.8	75.7	88.1
1936	95.8	93.0	93.5	91.5	91.2	91.7	96.1
1937	108.0	118.1	114.3	106.5	118.7	117.4	104.1
1938	102.2	100.7	101.0	109.3	102.4	105.5	103.5
1939	108.8	107.7	101.3	114.3	103.8	109.8	108.2
1940	132.1	162.3	165.1	138.0	152.9	138.4	119.4
1941	150.2	238.0	291.8	193.5	225.8	184.9	170.7
1942	156.0	315.9	439.9	255.3	273.5	209.8	248.2
1943	148.4	362.4	562.8	284.9	310.5	211.6	314.6
1944	153.4	326.2	693.7	256.2	312.1	205.3	317.1
1945	155.6	265.2	453.7	193.4	258.1	195.8	275.9
1946	175.0	222.6	221.5	160.1	247.3	221.4	225.0
1947	195.6	249.9	239.5	182.8	316.8	269.8	233.4
1948	200.7	270.4	232.6	201.6	328.5	283.7	224.5
1949	202.3	264.5	243.9	200.5	333.8	284.4	261.6
1950	215.1	263.2	262.2	212.8	367.6	314.6	281.7
1951	220.6	292.2	315.0	234.7	392.3	342.1	283.2
1952	214.1	292.3	373.1	232.2	393.1	346.1	280.7

Section 3. Production by Industrial Groups and Individual Industries

In the Standard Classification adopted in 1949 the industries are now grouped into seventeen major groups listed in Table 11, instead of the nine groups listed in Table 13 which were formerly used as the main basis of classification. The grouping used in Table 11 where the statistics of individual industries are presented in detail and in the historical series shown in Table 3, is, therefore, on the basis of the new Standard Industrial Classification. However, to retain some basis of continuity with the past, there is a less detailed analysis given in Table 13 on the component material classification basis, while Table 14 gives the industries on the basis of the origin of the materials used.

Subsection 1. Manufactures Grouped on the Standard Classification Basis

Recent Changes in Manufacturing Production.— Table 10 shows the changes in the nature of manufacturing production since the end of World War II with regard to numbers employed, the salaries and wages paid, and the gross value of products. Owing to price declines during depressions and rises during periods of prosperity, the values of both wages and products are naturally affected more than the number of employees. Furthermore, during periods of curtailed production there is a tendency for production workers to be put on part time, while the number of office employees responds less quickly to reduction in output than that of production workers. Therefore, there are several reasons why the variation in number of employees should be less than that of money values. The figures of Table 10 are to be compared with those of Tables 7, 8 and 9 which

show changes in volume of production. The number of employees in 1944 increased by 86 p.c. over 1939. Salaries and wages paid were 175 p.c. higher and the gross value of production 161 p.c. higher. Another significant change is the increase in the proportion of women engaged in manufacturing. Whereas in 1939, there were 281 females to every 1,000 males employed, in 1944 this figure jumped to 403.

Significant changes in the nature of manufacturing production took place after the cessation of hostilities in 1945. Industries engaged in war production operated at a substantially lower level, while industries producing consumer goods stepped up their production. From the point of view of employment the chemical and allied products group with a drop of 33 p.c. experienced the greatest decline in production between 1945 and 1949. Transportation equipment which includes aircraft and shipbuilding was second with a drop of 32 p.c., followed by tobacco and tobacco products with 12 p.c., rubber goods 12 p.c. and iron and steel products 3 p.c. The non-metallic mineral products group reported the greatest gain in employment with an increase of 39 p.c. followed by printing, publishing and allied trades 31 p.c., wood products 29 p.c., electrical apparatus and supplies 27 p.c., products of petroleum and coal 26 p.c., paper products 21 p.c., textiles (except clothing) 19 p.c., clothing (textile and fur) 18 p.c., food and beverages 8 p.c., leather products 2 p.c. and non-ferrous metal products 1 p.c. For manufacturing as a whole there was an increase of 4 p.c. in the number of employees with an increase of 39 p.c. in the amount of salaries and wages paid. Although there was an increase of 50 p.c. in the gross value of production, the increase in the physical volume was only 3.4 p.c. This is due to the rise in the wholesale prices of fully and partly manufactured products.

Between 1949 and 1952, for manufacturing as a whole, there was an increase of 36.0 p.c. in the gross value of production, 9.8 p.c. in employment, and 40.2 p.c. in salaries and wages paid. In terms of employment, the transportation group with an increase of 39.7 per cent experienced the greatest expansion since 1949. Electrical apparatus and supplies came second with 23.8, followed by products of petroleum and coal with 16.2, iron and steel products 15.6, chemicals and allied products 15.4, non-ferrous metal products 14.0, miscellaneous industries 13.0, non-metallic mineral products 11.7, etc. The smallest gain was reported by the foods and beverages group with 1.9 p.c. Four groups reported declines in employment. Tobacco and tobacco products led the list with 13.2 p.c., followed by leather products with 8.0, textiles (except clothing) 6.5 and the clothing industries 0.1 p.c.

TABLE 10. Percentage Variations in Employment, Earnings, and Gross Value of Products in the Main Industrial Groups, Compared for Significant Years, 1945-52

Industrial Group	1949 compared with 1945			1952 compared with 1949		
	Employees	Earnings	Gross value of products	Employees	Earnings	Gross value of products
	1	2	3	4	5	6
Food and beverages[1]	+ 8.1	+48.5	+ 49.5	+ 1.9	+28.3	+20.1
Tobacco and tobacco products	- 12.2	+39.1	+ 42.3	- 13.2	+16.0	+25.2
Rubber products	- 11.8	+23.2	+ 1.6	+ 4.1	+35.9	+60.6
Leather products	+ 2.3	+38.0	+ 25.6	- 8.0	+10.8	+ 4.0
Textile products (except clothing)	+18.9	+78.6	+ 65.1	- 6.5	+14.4	+16.9
Clothing (textile and fur)	+17.8	+57.1	+ 52.6	- 0.1	+16.5	+17.3
Wood products[1]	+28.9	+86.7	+ 83.9	+ 7.3	+33.1	+38.9
Paper products[1]	+20.7	+80.5	+ 95.1	+ 8.5	+40.5	+38.2
Printing, publishing and allied trades[2]	+31.2	+81.2	+ 84.1	+ 4.3	+31.6	+29.9
Iron and steel products	- 3.4	+31.6	+ 49.0	+15.6	+49.3	+50.4
Transportation equipment	- 32.4	- 17.1	+ 2.8	+39.7	+74.7	+69.6
Non-ferrous metal products	+ 1.1	+39.9	+ 58.0	+14.0	+45.8	+40.1
Electrical apparatus and supplies	+26.7	+79.5	+110.9	+23.8	+58.5	+47.2
Non-metallic mineral products	+38.8	+96.0	+ 88.6	+11.7	+43.7	+42.0
Products of petroleum and coal	+26.2	+73.7	+ 97.6	+16.2	+59.8	+46.2
Chemical products	- 32.6	- 6.0	+ 17.8	+15.4	+47.1	+35.6
Miscellaneous industries[4]	—	—	—	+13.0	+44.9	+44.3
Averages, all industries[3]	**+ 3.6**	**+39.2**	**+ 50.0**	**+ 9.8**	**+40.2**	**+36.0**

1. Exclusive of Newfoundland in columns 1, 2 and 3; inclusive of Newfoundland in columns 4, 5 and 6.
2. Exclusive of "Publishing (only) of Periodicals".
3. Exclusive of "Publishing (only) of Periodicals", excludes Newfoundland in columns 1, 2 and 3, includes Newfoundland in Columns 4, 5 and 6.
4. Due to the change of establishments from one industry to another figures for 1949 are not comparable with previous years.

Detailed Statistics by Groups and Individual Industries.— Table 11 presents for the year 1952 detailed statistics regarding the individual industries under which all industrial plants in Canada are classified. The industries are further assembled under seventeen main groups according to the Standard Industrial Classification.

In interpreting the statistics of individual industries it should be remembered that the figures on employment, production, etc., do not refer to individual products but to all the products made in an industry. For example, the value of production of the confectionery industry amounting to $104,853,748 in 1950 does not imply that this was the value of confectionery produced. What it means is that the firms whose principal product is confectionery, had a value of production of $104,853,748. This figure, in addition to confectionery, includes all the subsidiary products made by these firms, such as ice cream which was valued at $2,214,689 and bread and other bakery products valued at $2,457,312. Confectionery is also produced as a subsidiary product by firms credited to other industrial classifications. For total production figures of individual products, reference should be made to "The Alphabetical List of Products" published annually as Appendix II to this report.

The incidence of the War resulted in a rearrangement in the rank of many industries. Industries producing supplies and equipment for the Armed Forces naturally advanced while those industries producing for the domestic consumer market declined in importance. To supply the raw materials needed by the industries engaged principally in war production, it became necessary to restrict or prohibit the manufacture of many products such as automobiles, radios, washing machines, electrical equipment, household appliances, agricultural implements, etc. Though these industries were forced to change over to wartime production, the changes did not affect the value of their output and consequently their importance as producers of manufactured goods did not alter drastically. To analyse the effects of the War and the conversion to peace-time production on any industry, it is necessary to compare the nature of the products made before and during the War with that of the present. This should be borne in mind in making industrial comparisons of the war years and the present. For example, the number of employees in the agricultural implements industry increased by 8,248 between 1939 and 1945; this in spite of the fact that the output of agricultural implements remained at about the same level. The increase was due to a change-over of some of the plants to war production. It is therefore impossible to trace industrial trends from the principal statistics alone, as published in this report.

TABLE 11. Establishments, Employees, Earnings, Fuel and Electricity, Materials and Values of Products of the Manufacturing Industries, 1952

No.	Province, industry and group	Establishments	Supervisory and office employees			Production workers		
			Male	Female	Earnings	Male	Female	Earnings
		No.	No.	No.	$	No.	No.	$
	PROVINCE							
1	Newfoundland	948	1,985	340	5,452,693	6,976	1,002	19,781,158
2	Prince Edward Island	224	343	84	814,983	974	394	1,990,639
3	Nova Scotia	1,533	3,755	1,101	12,834,551	24,768	3,747	62,360,836
4	New Brunswick	1,077	2,756	921	10,699,990	17,097	3,477	45,278,472
5	Quebec	12,024	60,365	23,019	290,383,844	253,334	92,980	835,560,859
6	Ontario	13,172	91,717	40,644	488,513,049	384,448	92,887	1,355,673,356
7	Manitoba	1,531	5,818	2,202	25,815,971	27,387	7,958	86,331,601
8	Saskatchewan	1,022	2,285	844	8,152,103	7,163	1,015	21,337,759
9	Alberta	2,150	5,275	1,609	19,880,392	21,487	3,394	62,646,802
10	British Columbia	4,225	13,903	4,020	61,191,597	66,315	8,429	222,339,379
11	Yukon and Northwest Territories	23	33	8	116,078	111	12	414,048
12	**Totals**	**37,929**	**188,235**	**74,792**	**923,905,251**	**810,060**	**215,295**	**2,713,714,909**
	INDUSTRIAL GROUP							
13	Foods and beverages	8,263	24,663	10,216	108,239,778	104,881	35,792	321,410,277
14	Tobacco and tobacco products	61	907	508	5,549,328	3,111	4,751	19,855,744
15	Rubber products	70	3,884	1,438	19,007,355	12,357	3,903	46,469,828
16	Leather products	701	2,998	1,310	14,631,149	15,843	11,952	51,522,341
17	Textile products (except clothing)	918	7,657	3,851	42,574,356	38,613	22,618	136,115,110
18	Clothing (textile and fur)	3,041	9,630	6,014	55,701,719	31,260	70,764	184,837,953
19	Wood products	12,467	21,156	3,175	57,563,254	100,973	5,164	241,867,727
20	Paper products	543	10,561	4,075	67,584,381	60,238	8,091	225,097,902
21	Printing, publishing and allied industries	4,124	15,219	9,372	73,846,566	31,312	8,582	112,404,149
22	Iron and steel products	2,625	27,693	9,639	144,825,158	144,788	7,071	472,185,736
23	Transportation equipment	617	18,863	5,906	96,831,129	117,358	4,233	376,287,321
24	Non-ferrous metal products	552	7,534	2,674	39,508,846	37,463	3,267	127,536,238
25	Electrical apparatus and supplies	401	13,823	5,696	72,039,772	36,896	12,785	145,525,164
26	Non-metallic mineral products	1,057	3,871	1,380	18,437,688	24,211	1,960	74,381,231
27	Products of petroleum and coal	101	4,222	1,403	23,018,760	11,197	83	40,554,413
28	Chemicals and allied products	1,075	10,842	5,709	60,021,601	25,508	5,635	88,054,074
29	Miscellaneous industries	1,313	4,712	2,426	24,523,911	14,051	8,644	49,609,671
	1. Foods and beverages:							
	Bakery products:							
30	Biscuits	47	433	324	2,342,203	2,213	3,211	10,675,688
31	Bread and other bakery products	2,585	3,634	1,212	12,952,387	21,448	6,717	61,292,399
	Beverages:							
32	Breweries	61	1,282	374	8,100,019	6,420	87	22,043,533
33	Carbonated beverages	514	1,634	528	6,791,319	5,096	344	11,599,916
34	Distilled liquors	21	691	312	4,131,040	2,368	1,413	9,998,517
35	Wines	25	142	55	847,046	304	55	973,434
	Canning and processing:							
36	Fish processing	635	1,448	374	5,084,926	8,881	3,651	19,341,425
37	Fruit and vegetable preparations	462	1,723	939	8,757,719	6,982	6,376	23,235,137
	Dairy products:							
38	Butter and cheese	1,602	3,524	1,674	11,912,465	14,319	918	36,913,923
39	Cheese, process	22	202	80	1,041,869	438	330	1,774,988
40	Concentrated milk products	31	209	96	944,757	1,225	60	3,331,543
41	Dairy products, other	43	135	69	609,040	478	143	1,326,059
	Grain mill products:							
42	Feeds, stock and poultry, prepared	671	1,268	455	4,096,381	4,048	167	9,295,971
43	Feed mills	646	650	75	1,001,234	778	—	1,309,935
44	Flour mills	99	932	449	4,517,315	3,441	139	10,171,320
45	Foods, breakfast	19	154	96	884,271	707	416	3,107,092
	Meat products:							
46	Animal oils and fats	16	52	12	277,902	253	1	712,652
47	Sausage and sausage casings	78	188	51	855,883	580	307	1,671,991
48	Slaughtering and meat packing	154	3,552	1,246	17,695,965	14,856	3,210	53,682,048
	Other food industries:							
49	Confectionery	182	625	585	3,534,069	3,289	4,786	15,169,341
50	Macaroni and kindred products	13	50	27	261,401	310	171	1,136,361
51	Sugar refining	12	486	100	2,513,602	2,940	266	8,530,889
52	Miscellaneous food preparations	325	1,649	1,083	9,086,965	3,807	3,024	14,116,115
53	**Totals, foods and beverages**	**8,263**	**24,663**	**10,216**	**108,239,778**	**104,881**	**35,792**	**321,410,277**
	2. Tobacco and tobacco products:							
54	Tobacco, cigars and cigarettes	47	710	484	4,566,542	2,382	4,011	17,470,177
55	Tobacco processing and packing	14	197	24	982,786	729	740	2,385,567
56	**Totals, tobacco and tobacco products**	**61**	**907**	**508**	**5,549,328**	**3,111**	**4,751**	**19,855,744**
	3. Rubber products:							
57	Rubber goods, including footwear	70	3,884	1,438	19,007,855	12,357	3,903	46,469,828
58	**Totals, rubber products**	**70**	**3,884**	**1,438**	**19,007,855**	**12,357**	**3,903**	**46,469,828**

TABLE 11. Establishments, Employees, Earnings, Fuel and Electricity, Materials and Values of Products of the Manufacturing Industries, 1952

Total employees	Total earnings	Cost of fuel and electricity	Cost of materials	Value added by manufacture	Selling value of factory shipments[1]	No.
No.	$	$	$	$	$	
10,303	25,233,851	3,873,050	45,477,620	56,109,014	105,459,684	1
1,795	2,805,622	326,175	15,786,399	5,957,097	22,069,671	2
33,371	75,245,387	12,983,381	183,141,366	130,715,000	326,839,747	3
24,251	55,978,462	11,161,437	164,760,874	117,837,471	293,759,782	4
429,698	1,125,944,703	141,973,433	2,745,618,113	2,288,643,279	5,176,234,825	5
609,696	1,844,186,405	173,635,647	4,387,431,403	3,811,106,576	8,372,173,626	6
43,365	112,147,572	9,558,256	347,664,650	216,814,306	574,037,212	7
11,307	29,489,862	5,609,500	172,388,119	80,934,157	258,931,776	8
31,765	82,527,194	8,372,657	331,817,141	178,221,013	518,410,811	9
92,667	283,530,976	25,298,302	751,011,248	556,172,312	1,332,481,862	10
164	530,126	189,504	1,075,561	1,022,974	2,288,039	11
1,288,382	**3,637,620,160**	**392,981,342**	**9,146,172,494**	**7,443,533,199**	**16,982,687,035**	12
175,552	429,650,055	47,483,738	2,333,089,054	1,091,944,158	3,472,516,950	13
9,277	25,405,072	599,590	144,537,670	70,777,110	215,914,370	14
21,582	65,477,683	3,362,274	120,799,295	162,493,060	286,654,629	15
32,103	66,153,490	1,975,275	115,714,505	101,511,149	219,200,929	16
72,739	178,689,466	12,991,693	418,522,518	312,627,434	744,141,645	17
117,668	240,539,672	4,103,272	443,956,596	405,091,338	853,151,206	18
130,468	299,430,981	14,494,708	618,979,510	534,155,313	1,167,629,531	19
82,965	292,682,283	79,741,248	694,190,401	736,217,142	1,510,148,791	20
64,485	186,250,715	3,878,891	160,393,787	326,662,173	490,934,851	21
189,191	617,010,924	52,995,530	947,993,190	1,134,043,024	2,135,031,744	22
146,360	473,118,450	15,881,649	1,009,470,570	778,347,604	1,803,699,823	23
50,938	167,045,084	55,601,564	744,596,427	414,920,456	1,215,118,447	24
69,200	217,564,936	6,226,367	313,713,170	395,933,805	715,873,342	25
31,422	92,818,919	31,141,203	115,217,568	203,692,859	350,051,630	26
16,905	63,573,173	34,981,057	519,629,241	225,825,749	780,436,047	27
47,694	148,075,675	24,655,882	357,818,760	414,087,592	796,562,234	28
29,833	74,133,582	2,867,401	87,550,232	135,203,233	225,620,866	29
6,181	13,017,891	861,745	35,253,637	39,534,718	75,650,100	30
33,011	74,244,786	8,210,772	122,229,789	129,740,849	260,181,410	31
8,163	30,143,552	2,589,905	49,713,488	126,465,413	178,768,806	32
7,602	18,391,235	2,269,643	35,844,705	66,935,840	105,050,188	33
4,784	14,129,557	2,062,522	43,188,519	70,733,919	115,984,960	34
556	1,820,480	126,539	4,026,160	6,179,858	10,332,557	35
14,354	24,426,351	2,532,722	86,457,993	45,734,589	134,725,304	36
16,020	31,992,856	2,694,812	120,602,514	88,490,233	211,787,559	37
20,435	48,826,388	7,018,374	281,366,628	90,409,864	378,794,866	38
1,050	2,816,857	121,284	20,346,838	5,014,444	25,482,566	39
1,590	4,276,300	1,652,811	56,774,144	13,802,905	72,229,860	40
825	1,935,099	327,678	6,469,020	5,195,815	11,992,513	41
5,938	13,392,352	2,311,601	148,801,788	29,967,343	181,080,732	42
1,503	2,311,169	606,230	20,523,365	3,906,791	25,036,386	43
4,961	14,688,635	1,652,958	236,194,234	36,360,848	274,208,040	44
1,373	3,991,363	352,508	10,818,892	13,464,846	24,636,246	45
318	990,554	250,592	1,700,937	1,478,785	3,430,314	46
1,126	2,527,874	251,334	11,594,221	5,561,582	17,407,137	47
22,864	71,378,013	4,644,925	700,369,951	158,761,279	863,776,155	48
9,285	18,703,410	1,122,591	52,891,618	44,341,932	98,356,141	49
558	1,397,762	138,776	4,587,616	3,809,928	8,536,320	50
3,492	11,044,491	2,689,768	93,303,708	33,044,822	129,038,298	51
9,563	23,203,080	2,993,648	190,029,289	73,007,555	266,030,492	52
175,552	**429,650,055**	**47,483,738**	**2,333,089,054**	**1,091,944,158**	**3,472,516,950**	53
7,587	22,036,719	391,374	73,168,064	64,864,521	138,423,959	54
1,690	3,368,353	208,216	71,369,606	5,912,589	77,490,411	55
9,277	**25,405,072**	**599,590**	**144,537,670**	**70,777,110**	**215,914,370**	56
21,582	65,477,683	3,362,274	120,799,295	162,493,060	286,654,629	57
21,582	**65,477,683**	**3,362,274**	**120,799,295**	**162,493,060**	**286,654,629**	58

1. In 1952 the basis of collection was "Value of factory shipments" instead of "Gross value of products." for a number of industries.

TABLE 11. Establishments, Employees, Earnings, Fuel and Electricity, Materials and Values of Products of the Manufacturing Industries, 1952 — Continued

No.	Industries	Establishments	Supervisory and office employees			Production workers		
			Male	Female	Earnings	Male	Female	Earnings
		No.	No.	No.	$	No.	No.	$
	4. Leather products:							
1	Footwear, leather	282	1,735	807	8,556,737	9,718	8,437	32,535,264
2	Gloves and mittens, leather	77	175	85	752,059	698	1,236	2,695,027
3	Leather tanning	67	450	143	2,263,943	3,029	301	8,526,498
	Other leather industries:							
4	Belting, leather	16	32	21	171,415	104	10	259,000
5	Boot and shoe findings, leather	27	74	28	389,787	383	102	1,034,243
6	Miscellaneous leather goods n.e.s.	232	532	226	2,497,208	1,911	1,866	6,472,309
7	**Totals, leather products**	**701**	**2,998**	**1,310**	**14,631,149**	**15,843**	**11,952**	**51,522,341**
	5. Textile products (except clothing)							
	Cotton goods:							
8	Cotton thread	11	118	70	741,160	182	468	1,188,192
9	Cotton yarn and cloth	57	1,601	955	8,994,590	13,038	7,375	44,711,180
10	Miscellaneous cotton goods	13	44	13	340,335	501	107	1,604,194
	Woollen goods:							
11	Carpets, mats and rugs	21	172	89	1,023,176	791	497	2,870,735
12	Woollen cloth	81	615	341	3,846,843	4,309	2,887	15,617,691
13	Woollen yarn	51	259	167	1,464,492	1,475	1,539	6,399,303
14	Miscellaneous woollen goods	39	215	100	1,551,981	1,422	398	4,488,176
15	Synthetic textiles and silk	48	2,373	1,015	12,899,801	9,213	3,122	29,808,704
	Other primary textiles:							
16	Dyeing and finishing of textiles	50	278	129	1,325,960	1,718	206	4,639,922
17	Narrow fabrics	52	192	103	1,048,467	807	933	3,581,442
	Other textile industries:							
18	Automobile accessories, fabric	12	111	48	576,422	258	371	1,467,597
19	Awnings, tents and sails	110	266	97	1,020,229	576	582	1,958,148
20	Bags, cotton and jute	34	142	62	789,900	370	625	1,737,348
21	Cordage, rope and twine	11	146	75	911,540	1,026	473	4,019,356
22	Embroideries, pleating, hemstitching, etc.	151	225	93	1,066,591	533	934	2,336,640
23	Oilcloth, linoleum and other coated fabrics	14	392	167	2,399,146	1,607	236	4,950,511
24	Miscellaneous textiles n.e.s.	163	508	327	2,573,723	787	1,865	4,735,971
25	**Totals, textile products (except clothing)**	**918**	**7,657**	**3,851**	**42,574,356**	**38,613**	**22,618**	**136,115,110**
	6. Clothing (textile and fur):							
	Men's, women's and children's clothing:							
26	Clothing, children's, factory	164	381	260	2,309,962	1,105	4,580	8,526,791
27	Clothing, men's, factory	587	2,750	1,576	15,984,766	9,687	21,570	54,797,460
28	Clothing, women's, factory	853	2,358	1,650	14,656,246	5,998	18,427	45,536,926
29	Clothing contractors, men's	141	238	50	727,561	1,083	2,388	5,824,359
30	Clothing contractors, women's	96	132	32	490,425	231	1,754	2,701,023
	Knitted goods:							
31	Hosiery	123	700	562	4,706,371	3,718	5,218	18,976,529
32	Other knitted goods	165	854	724	5,509,833	3,310	8,148	19,770,076
	Miscellaneous clothing:							
33	Corsets	38	204	354	1,739,258	313	2,439	3,959,330
34	Fur dressing and dyeing	17	82	30	460,998	942	226	2,865,534
35	Fur goods	596	1,220	355	5,033,155	2,629	1,765	10,388,597
36	Gloves and mittens, fabric	14	27	26	184,193	173	490	773,142
37	Hats and caps	172	494	274	2,766,765	1,620	2,617	8,025,132
38	Oiled and waterproofed clothing	13	34	22	214,384	171	283	909,096
39	Clothing n.e.s.	62	156	99	917,802	280	859	1,783,958
40	**Totals, clothing (textile and fur)**	**3,041**	**9,630**	**6,014**	**55,701,719**	**31,260**	**70,764**	**184,837,953**
	7. Wood products:							
41	Furniture	1,557	3,611	1,121	15,672,421	20,609	1,847	50,217,080
	Saw and planing mills:							
42	Flooring, hardwood	26	144	49	775,316	1,252	18	2,812,634
43	Sash, door and planing mills	1,728	3,177	616	10,615,311	15,529	203	33,371,596
44	Sawmills	8,283	12,068	787	21,693,711	47,585	491	113,846,996
45	Veneers and plywoods	50	500	171	2,648,717	5,927	1,217	17,942,591
	Other wood industries:							
46	Beekeepers' and poultrymen's supplies	6	10	4	33,437	28	—	47,072
47	Boxes and baskets, wood	179	390	72	1,442,982	3,104	419	6,904,593
48	Coffins and caskets	60	145	57	605,966	941	169	2,239,869
49	Cooperage	111	136	20	313,620	622	2	1,396,546
50	Excelsior	13	22	7	84,025	106	32	239,762
51	Lasts, trees and shoe findings	14	66	32	270,497	294	155	865,008
52	Woodenware	29	56	17	200,237	507	144	1,083,105
53	Wood turning	80	174	39	619,448	890	97	1,855,494
54	Miscellaneous wood products n.e.s.	331	657	183	2,587,566	3,579	370	9,045,381
55	**Totals, wood products**	**12,467**	**21,156**	**3,175**	**57,563,254**	**100,973**	**5,164**	**241,867,727**

TABLE 11. Establishments, Employees, Earnings, Fuel and Electricity, Materials and Values of Products of the Manufacturing Industries, 1952 — Continued

Total employees	Total earnings	Cost of fuel and electricity	Cost of materials	Value added by manufacture	Selling value of factory shipments[1]	No.
No.	$	$	$	$	$	
20,697	41,092,001	593,940	65,391,217	62,280,614	128,265,771	1
2,194	3,447,086	59,100	6,252,555	5,444,805	11,756,460	2
3,923	10,790,441	1,071,424	27,973,421	17,556,765	46,601,610	3
167	430,415	23,229	1,020,671	761,921	1,805,821	4
587	1,424,030	68,886	2,975,447	2,035,298	5,079,631	5
4,535	8,969,517	158,696	12,101,194	13,431,746	25,691,636	6
32,103	**66,153,490**	**1,975,275**	**115,714,505**	**101,511,149**	**219,200,929**	7
838	1,929,352	92,594	5,019,293	4,304,099	9,415,986	8
22,969	53,705,770	3,952,725	143,584,722	78,954,978	226,492,425	9
665	1,944,529	131,617	6,772,181	3,584,881	10,488,679	10
1,549	3,893,911	299,365	6,848,325	6,279,589	13,427,279	11
8,152	19,464,534	1,393,579	40,542,112	31,200,946	73,136,637	12
3,440	7,863,795	504,881	21,137,627	13,123,193	34,765,701	13
2,135	6,040,157	369,659	16,757,890	12,478,304	29,605,853	14
15,723	42,708,505	3,844,252	63,780,047	90,004,216	157,628,515	15
2,331	5,965,882	957,133	3,749,848	9,899,623	14,606,604	16
2,035	4,629,909	185,520	7,960,677	8,569,563	16,715,760	17
788	2,044,019	45,043	4,508,505	3,263,913	7,817,461	18
1,521	2,978,377	96,594	6,210,356	4,974,977	11,281,927	19
1,199	2,527,248	100,147	26,955,208	3,140,718	30,196,073	20
1,720	4,930,896	189,836	21,655,091	6,996,413	28,841,340	21
1,785	3,403,231	49,927	3,185,502	5,679,849	8,915,278	22
2,402	7,349,657	498,773	15,827,257	14,219,362	30,545,392	23
3,487	7,309,694	280,048	24,027,877	15,952,810	40,260,735	24
72,739	**178,689,466**	**12,991,693**	**418,522,518**	**312,627,434**	**744,141,645**	25
6,326	10,836,753	137,494	23,528,486	18,405,873	42,071,853	26
35,583	70,782,226	785,405	151,357,963	125,282,646	277,426,014	27
28,433	60,193,172	534,814	113,479,386	103,426,871	217,441,071	28
3,759	6,551,920	99,048	699,557	7,984,468	8,783,073	29
2,149	3,191,448	44,825	230,535	4,057,527	4,332,887	30
10,198	23,682,900	783,821	22,239,835	39,402,326	62,425,982	31
13,036	25,279,909	1,044,217	58,133,735	41,216,915	100,394,867	32
3,310	5,698,588	60,373	7,991,361	11,836,859	19,888,593	33
1,280	3,326,532	87,874	1,177,345	4,796,631	6,061,850	34
5,969	15,421,752	220,336	41,909,453	24,115,773	66,245,562	35
716	957,335	20,073	2,057,724	1,771,496	3,849,293	36
5,005	10,791,897	231,805	12,610,052	16,764,298	29,606,155	37
510	1,123,480	13,567	2,507,554	1,788,216	4,309,337	38
1,394	2,701,760	39,620	6,033,610	4,241,439	10,314,669	39
117,668	**240,539,672**	**4,103,272**	**443,956,596**	**405,091,338**	**853,151,206**	40
27,188	65,889,501	2,145,668	96,063,263	106,056,991	204,265,922	41
1,463	3,587,950	194,576	6,916,692	5,169,748	12,281,016	42
19,525	43,986,907	2,552,839	116,980,088	71,918,158	191,451,085	43
60,931	135,540,707	7,190,697	299,506,832	261,325,619	568,023,148	44
7,815	20,591,308	716,734	33,972,787	38,436,503	73,126,024	45
42	80,509	6,172	113,116	145,915	265,203	46
3,985	8,347,575	377,732	13,587,048	13,482,584	27,447,364	47
1,312	2,845,835	104,753	3,818,364	4,625,387	8,548,504	48
780	1,710,166	102,219	4,204,828	2,710,401	7,017,448	49
167	323,787	34,314	336,140	518,281	888,735	50
547	1,135,505	32,780	940,847	1,699,435	2,673,062	51
724	1,283,342	65,965	1,278,658	1,688,892	3,033,515	52
1,200	2,474,942	103,149	2,822,125	3,744,654	6,669,928	53
4,789	11,632,947	867,110	38,438,722	22,632,745	61,938,577	54
130,468	**299,430,981**	**14,494,708**	**618,979,510**	**534,155,313**	**1,167,629,531**	55

1. In 1952 the basis of collection was "Value of factory shipments" instead of "Gross value of products" for a number of industries.

TABLE 11. Establishments, Employees, Earnings, Fuel and Electricity, Materials and Values of Products of the Manufacturing Industries, 1952 — Continued

No.	Industries	Establishments	Supervisory and office employees			Production workers		
			Male	Female	Earnings	Male	Female	Earnings
		No.	No.	No.	$	No.	No.	$
	8. Paper products:							
1	Boxes and bags, paper	185	1,527	761	9,428,736	6,330	4,456	25,011,878
2	Pulp and paper	128	7,256	2,237	48,119,514	47,575	735	177,233,813
3	Roofing paper	26	549	256	2,465,566	1,401	88	4,270,211
4	Miscellaneous paper goods	204	1,229	821	7,570,565	4,932	2,812	18,582,000
5	**Totals, paper products**	**543**	**10,561**	**4,075**	**67,584,381**	**60,238**	**8,091**	**225,097,902**
	9. Printing, publishing and allied industries:							
	Commercial printing:							
6	Printing and bookbinding	1,669	3,888	1,799	18,995,283	12,258	4,953	42,781,172
7	Trade composition	50	128	43	685,910	574	21	1,897,036
	Engraving, stereotyping and allied industries:							
8	Engraving, stereotyping and electrotyping	123	579	301	4,118,123	2,708	586	10,956,084
9	Lithographing	72	508	359	3,399,377	2,371	967	9,627,369
	Printing and publishing:							
10	Printing and publishing	805	7,915	4,502	37,770,291	13,401	2,055	47,142,488
11	Publishing (only) of periodicals	1,405	2,201	2,368	8,877,582	—	—	—
12	**Totals, printing, publishing and allied industries**	**4,124**	**15,219**	**9,372**	**73,846,566**	**31,312**	**8,582**	**112,404,149**
	10. Iron and steel products:							
13	Agricultural implements	85	2,544	749	12,720,196	14,566	187	49,703,520
14	Boilers, tanks and platework	74	1,646	500	8,713,295	5,884	129	19,555,856
15	Bridge building and structural steel	38	1,926	410	10,246,240	8,453	35	27,172,640
16	Castings, iron	203	1,639	589	8,963,232	13,411	298	42,179,009
17	Hardware, tools and cutlery	339	2,022	1,019	11,509,823	9,728	1,581	32,155,048
18	Heating and cooking apparatus	115	1,370	597	6,639,290	6,383	249	18,192,106
19	Machinery, household, office and store	72	1,428	576	6,860,486	6,865	986	22,530,009
20	Machinery, industrial	317	4,724	1,861	24,238,970	15,440	472	49,581,452
21	Machine shops	614	1,391	318	5,248,002	4,789	59	13,129,265
22	Machine tools	13	312	130	1,726,568	1,814	43	6,044,471
23	Primary iron and steel	58	3,308	1,019	18,972,041	30,344	330	105,415,249
24	Sheet metal products	304	2,618	965	13,782,327	12,161	1,597	38,786,513
25	Wire and wire goods	116	1,191	498	6,635,670	6,271	702	21,159,685
26	Miscellaneous iron and steel products	277	1,574	408	8,569,018	8,679	403	26,580,943
27	**Totals, iron and steel products**	**2,625**	**27,693**	**9,639**	**144,825,158**	**144,788**	**7,071**	**472,185,766**
	11. Transportation equipment:							
28	Aircraft and parts	38	7,302	2,428	34,533,237	22,559	1,067	74,133,767
29	Bicycles and parts	9	146	61	736,183	639	86	2,107,491
30	Boat building	221	304	45	705,242	1,144	21	2,614,840
31	Carriages, wagons and sleighs	48	110	41	436,608	624	130	1,617,144
32	Motor vehicles	19	4,453	1,472	27,518,997	24,857	320	86,088,074
33	Motor vehicle parts	172	2,581	1,031	14,660,736	15,819	2,360	57,947,053
34	Railway rolling stock	36	2,290	346	10,390,581	33,292	156	97,928,185
35	Shipbuilding	74	1,677	482	7,849,545	18,424	93	53,850,767
36	**Totals, transportation equipment**	**617**	**18,863**	**5,906**	**96,831,129**	**117,358**	**4,233**	**376,287,321**
	12. Non-ferrous metal products:							
37	Aluminum products	88	1,470	832	8,713,690	4,675	318	14,944,203
38	Brass and copper products	153	1,331	579	7,642,712	7,151	650	23,391,562
39	Jewellery and silverware	215	667	441	3,603,737	2,786	1,654	9,882,634
40	Non-ferrous metal smelting and refining	17	3,468	598	16,290,926	20,474	68	71,673,369
41	White metal alloys	55	482	171	2,593,359	2,070	515	6,931,924
42	Miscellaneous non-ferrous metal products	24	116	53	664,422	307	62	712,546
43	**Totals, non-ferrous metal products**	**552**	**7,534**	**2,674**	**39,508,846**	**37,463**	**3,267**	**127,536,238**
	13. Electrical apparatus and supplies:							
44	Batteries	26	384	206	2,117,288	1,070	434	4,338,150
45	Radios and radio parts	91	2,733	1,034	13,610,875	4,261	3,728	20,373,654
46	Refrigerators, vacuum cleaners and appliances	86	1,365	637	7,182,875	5,047	1,101	16,828,357
47	Machinery, heavy electrical	52	5,357	2,011	27,582,743	15,199	3,229	59,270,802
48	Miscellaneous electrical apparatus and supplies	146	3,984	1,808	21,545,991	11,319	4,293	44,714,201
49	**Totals, electrical apparatus and supplies**	**401**	**13,823**	**5,696**	**72,039,772**	**36,896**	**12,785**	**145,525,164**

TABLE 11. Establishments, Employees, Earnings, Fuel and Electricity, Materials and Values of Products of the Manufacturing Industries, 1952 — Continued

Total employees	Total earnings	Cost of fuel and electricity	Cost of materials	Value added by manufacture	Selling value of factory shipments[1]	No.
No.	$	$	$	$	$	
13,074	34,440,614	1,167,150	102,604,735	68,378,996	172,150,881	1
57,803	225,353,327	76,739,757	497,046,828	584,101,072	1,157,887,657	2
2,294	6,735,777	658,638	19,334,385	21,820,715	41,813,738	3
9,794	26,152,565	1,175,703	75,204,453	61,916,359	138,296,515	4
82,965	**292,682,283**	**79,741,248**	**694,190,401**	**736,217,142**	**1,510,148,791**	5
22,898	61,776,455	1,332,502	56,570,169	102,375,524	160,278,195	6
766	2,582,946	36,444	301,951	3,735,732	4,074,127	7
4,174	15,074,207	286,112	5,133,790	22,410,866	27,830,768	8
4,205	13,026,746	250,260	15,014,368	23,537,578	38,802,206	9
27,873	84,912,779	1,973,573	61,789,469	154,760,420	218,523,462	10
4,569	8,877,582	—	21,584,040	19,842,053	41,426,093	11
64,485	**186,250,715**	**3,878,891**	**160,393,787**	**326,662,173**	**490,934,851**	12
18,046	62,423,716	2,169,762	109,827,515	93,778,210	205,775,487	13
8,159	28,269,151	944,589	36,028,035	53,455,691	90,428,315	14
10,824	37,418,880	1,272,630	62,135,893	76,308,313	139,716,836	15
15,937	51,142,241	3,325,867	78,461,149	89,181,703	170,968,719	16
14,350	43,664,871	1,830,032	40,353,012	81,558,005	123,741,049	17
8,599	24,831,396	1,207,127	37,280,645	48,351,702	86,839,474	18
9,855	29,390,495	969,226	41,040,567	56,758,816	98,768,609	19
22,497	73,820,422	2,337,981	81,396,443	143,291,450	227,025,874	20
6,557	18,377,267	731,422	13,167,819	27,675,228	41,574,469	21
2,299	7,771,039	192,575	5,009,013	11,306,320	16,507,908	22
35,001	124,387,290	31,421,918	239,001,158	233,577,318	504,000,394	23
17,341	52,568,840	2,279,359	115,072,180	96,233,575	213,585,114	24
8,662	27,795,355	1,440,055	38,024,516	66,194,940	105,659,511	25
11,064	35,149,961	2,872,987	51,195,245	56,371,753	110,439,985	26
189,191	**617,010,924**	**52,995,530**	**947,993,190**	**1,134,043,024**	**2,135,031,744**	27
33,356	108,667,004	2,024,357	115,286,096	127,296,867	244,607,320	28
932	2,843,674	126,836	3,255,112	4,263,178	7,645,126	29
1,514	3,320,082	112,241	3,142,453	4,848,322	8,103,016	30
905	2,053,752	84,199	2,778,437	5,118,842	7,981,478	31
31,102	113,607,071	2,781,312	497,474,097	267,099,575	767,354,984	32
21,791	72,607,789	3,895,986	145,666,823	127,222,358	276,785,167	33
36,084	108,318,766	4,783,760	181,620,234	145,760,789	332,164,783	34
20,676	61,700,312	2,072,958	60,247,318	96,737,673	159,057,949	35
146,360	**473,118,450**	**15,881,649**	**1,009,470,570**	**778,347,604**	**1,803,699,823**	36
7,295	23,657,893	1,663,171	44,015,385	43,969,019	89,647,575	37
9,711	31,034,274	2,170,803	121,374,319	61,126,829	184,671,951	38
5,548	13,486,371	358,193	22,612,299	22,135,745	45,106,237	39
24,608	87,964,295	50,571,452	519,781,231	266,721,382	837,074,065	40
3,238	9,525,283	767,984	34,689,608	17,921,841	53,379,433	41
538	1,376,968	69,961	2,123,585	3,045,640	5,239,186	42
50,938	**167,045,084**	**55,601,564**	**744,596,427**	**414,920,456**	**1,215,118,447**	43
2,094	6,455,438	370,708	25,253,692	15,084,340	40,708,740	44
11,756	33,984,529	666,601	62,481,751	59,454,350	122,602,702	45
8,150	24,011,232	1,081,721	41,355,257	54,171,130	96,608,108	46
25,796	86,853,545	2,015,847	90,300,105	144,997,030	237,312,982	47
21,404	66,260,192	2,091,490	94,322,365	122,226,955	218,640,810	48
69,200	**217,564,936**	**6,226,367**	**313,713,170**	**395,933,805**	**715,873,342**	49

1. In 1952 the basis of collection was "Value of factory shipments" instead of "Gross value of products" for a number of industries.

TABLE 11. Establishments, Employees, Earnings, Fuel and Electricity, Materials and Values of Products of the Manufacturing Industries, 1952 — Concluded

No.	Industries	Establishments	Supervisory and office employees			Production workers		
			Male	Female	Earnings	Male	Female	Earnings
		No.	No.	No.	$	No.	No.	$
	14. Non-metallic mineral products:							
1	Abrasives, artificial	20	316	181	1,901,499	2,042	68	7,347,436
2	Asbestos products	17	224	104	1,154,634	1,280	218	4,294,261
3	Cement, hydraulic	11	149	22	697,810	2,076	4	7,223,489
4	Clay products from domestic clay	133	296	95	1,488,994	3,241	85	8,967,114
5	Clay products from imported clay	34	235	98	1,188,399	1,494	605	5,111,866
6	Concrete products	451	980	212	3,846,017	4,811	27	12,566,585
7	Glass and glass products	114	691	338	3,445,478	4,688	799	15,657,404
8	Gypsum products	11	246	93	1,259,875	879	12	2,448,551
9	Lime	42	76	14	389,750	921	1	2,780,726
10	Salt	12	104	36	514,974	488	49	1,506,410
11	Sand-lime brick	4	11	1	51,190	171	—	488,918
12	Stone products	155	380	123	1,660,107	1,617	22	4,543,596
13	Miscellaneous non-metallic mineral products	53	163	63	838,961	503	70	1,444,875
14	**Totals, non-metallic mineral products**	**1,057**	**3,871**	**1,380**	**18,437,688**	**24,211**	**1,960**	**74,381,231**
	15. Products of petroleum and coal:							
15	Coke and gas products	29	930	326	4,373,617	3,650	14	12,001,719
16	Petroleum products	55	3,207	1,046	18,186,998	7,342	66	27,958,424
17	Miscellaneous products of petroleum and coal	17	85	31	458,145	205	3	594,270
18	**Totals, products of petroleum and coal**	**101**	**4,222**	**1,403**	**23,018,760**	**11,197**	**83**	**40,554,413**
	16. Chemicals and allied products:							
19	Acids, alkalies and salts	29	1,552	477	8,454,848	5,514	48	18,753,574
20	Fertilizers	39	707	207	3,678,439	2,268	23	7,646,861
21	Medicinal and pharmaceutical preparations	213	1,639	1,428	11,060,506	2,218	2,172	9,421,367
22	Paints, varnishes and lacquers	116	1,602	869	8,191,616	2,943	370	9,028,717
23	Primary plastics	16	495	181	2,723,764	1,118	56	3,781,403
24	Soaps, washing compounds and cleaning preparations	136	1,013	566	5,725,049	1,750	427	7,030,275
25	Toilet preparations	101	268	370	2,114,449	438	794	2,130,328
26	Vegetable oils	13	177	64	939,721	479	3	1,488,566
	Other chemical industries:							
27	Adhesives	30	150	82	764,627	434	40	1,364,270
28	Coal tar distillation	11	96	20	465,461	381	3	1,214,034
29	Gases, compressed	47	337	225	1,679,805	686	2	2,210,164
30	Inks	34	180	98	1,074,518	522	54	1,509,702
31	Polishes and dressings	51	172	161	1,063,528	258	160	865,342
32	Miscellaneous chemical products, n.e.s.	239	2,454	961	12,085,270	6,499	1,483	21,609,471
33	**Totals, chemicals and allied products**	**1,075**	**10,842**	**5,709**	**60,021,601**	**25,508**	**5,635**	**88,054,074**
	17. Miscellaneous industries:							
34	Brooms, brushes and mops	96	328	192	1,577,128	1,139	518	3,210,646
35	Clocks, watches and watch cases	31	144	108	926,142	371	409	1,927,275
36	Fountain pens and pencils	20	170	128	1,087,478	302	480	1,583,508
37	Musical instruments	23	161	89	723,882	787	169	2,193,415
38	Plastics products	143	445	218	2,460,330	1,548	1,489	6,076,238
39	Scientific and professional equipment	116	1,304	646	6,912,955	2,452	994	9,714,883
40	Sporting goods	77	252	114	1,234,915	743	432	2,452,691
41	Toys and games	58	129	59	703,400	477	819	2,285,820
42	Typewriter supplies	8	77	59	521,075	184	111	621,362
	Other miscellaneous industries:							
43	Artificial flowers and feathers	42	64	35	276,838	159	315	598,213
44	Buttons, buckles and fasteners	45	195	123	1,176,934	583	778	2,792,995
45	Candles	12	32	26	177,215	95	57	274,926
46	Hair goods	17	22	13	101,480	75	14	199,669
47	Ice, artificial	78	194	62	720,606	958	1	2,500,327
48	Lamps, electric and lamp shades	59	128	102	716,977	506	509	1,709,748
49	Models and patterns excluding paper	65	90	13	389,106	305	4	1,090,583
50	Pipes, lighters and smokers' supplies	14	42	29	240,417	105	109	400,273
51	Signs, electric, Neon and other	176	446	143	2,200,199	1,649	118	4,409,225
52	Stamps and stencils, rubber and metal	54	136	68	706,949	485	181	1,478,456
53	Statuary, art goods, regalia and novelties	137	182	71	655,908	413	389	1,339,289
54	Umbrellas	8	29	9	105,899	23	87	156,250
55	Other miscellaneous industries	34	142	119	908,078	692	661	2,593,879
56	**Totals, miscellaneous industries**	**1,313**	**4,712**	**2,426**	**24,523,911**	**14,051**	**8,644**	**49,609,671**
57	**Grand totals, all industries**	**37,929**	**188,235**	**74,792**	**923,905,251**	**810,060**	**215,295**	**2,713,714,909**

TABLE 11. Establishments, Employees, Earnings, Fuel and Electricity, Materials and Values of Products of the Manufacturing Industries, 1952 — Concluded

Total employees	Total earnings	Cost of fuel and electricity	Cost of materials	Value added by manufacture	Selling value of factory shipments[1]	No.
No.	$	$	$	$	$	
2,607	9,248,935	3,312,052	13,967,649	19,437,527	36,717,228	1
1,826	5,448,895	535,910	9,306,930	9,795,730	19,638,570	2
2,251	7,921,299	9,754,104	8,611,572	32,664,254	51,029,930	3
3,717	10,456,108	4,276,092	840,756	19,844,680	24,961,528	4
2,432	6,300,265	835,362	4,050,520	10,781,714	15,667,596	5
6,030	16,412,602	1,895,296	31,044,970	34,816,262	67,756,528	6
6,516	19,102,882	3,892,431	22,192,757	32,694,612	58,779,800	7
1,230	3,708,426	803,007	8,115,956	9,436,849	18,355,812	8
1,012	3,170,476	3,420,265	1,014,789	9,784,399	14,219,453	9
677	2,021,384	1,045,911	2,014,335	5,995,833	9,056,079	10
183	540,108	71,933	516,331	1,064,330	1,652,594	11
2,142	6,203,703	828,107	7,354,093	11,923,780	20,105,980	12
799	2,283,836	470,733	6,186,910	5,452,889	12,110,532	13
31,422	**92,818,919**	**31,141,203**	**115,217,568**	**203,692,859**	**350,051,630**	14
4,920	16,375,336	6,963,070	63,107,093	43,919,907	113,990,070	15
11,661	46,145,422	27,878,314	453,954,688	178,523,582	660,356,584	16
324	1,052,415	139,673	2,567,460	3,382,260	6,089,393	17
16,905	**63,573,173**	**34,981,057**	**519,629,241**	**225,825,749**	**780,436,047**	18
7,591	27,208,422	11,167,181	37,777,278	65,243,067	114,187,526	19
3,205	11,325,300	1,887,038	38,450,277	38,406,176	78,743,491	20
7,457	20,481,873	751,605	27,350,129	59,920,653	88,022,387	21
5,784	17,220,333	732,978	53,118,889	53,554,297	107,406,164	22
1,850	6,505,167	734,518	18,774,923	15,129,313	34,638,754	23
3,756	12,755,324	1,079,655	35,013,348	48,368,279	84,461,282	24
1,870	4,244,777	115,434	9,720,012	17,224,337	27,059,783	25
723	2,428,287	581,146	44,478,536	6,872,308	51,931,990	26
706	2,128,897	367,382	6,106,121	4,365,376	10,838,879	27
500	1,679,495	655,814	7,143,102	4,835,360	12,634,276	28
1,250	3,889,969	468,401	2,425,663	13,307,400	16,201,464	29
854	2,584,220	88,821	4,839,331	5,995,401	10,923,553	30
751	1,928,870	101,575	7,734,894	8,129,702	15,966,171	31
11,397	33,694,741	5,924,334	64,886,257	72,735,923	143,546,514	32
47,694	**148,075,675**	**24,655,882**	**357,818,760**	**414,087,592**	**796,562,234**	33
2,177	4,787,774	132,847	7,947,253	8,574,281	16,654,381	34
1,032	2,853,417	33,103	5,162,619	5,839,870	11,035,592	35
1,080	2,670,986	60,585	3,755,188	5,657,987	9,473,760	36
1,206	2,917,297	124,574	2,903,708	5,408,841	8,437,123	37
3,700	8,536,568	382,175	15,773,365	17,429,571	33,585,111	38
5,396	16,627,838	377,970	15,554,628	28,059,219	43,991,817	39
1,541	3,687,606	136,630	3,694,839	6,147,917	9,979,386	40
1,484	2,989,220	103,471	5,087,008	5,224,167	10,414,646	41
431	1,142,437	30,180	2,177,550	2,266,661	4,474,391	42
573	875,051	13,390	1,054,829	1,607,121	2,675,340	43
1,679	3,969,929	94,487	4,436,224	6,486,117	11,016,828	44
210	452,141	30,159	909,497	1,290,086	2,229,742	45
124	301,149	7,415	1,123,091	625,218	1,755,724	46
1,215	3,220,933	653,822	174,380	6,159,598	6,987,800	47
1,245	2,426,725	83,434	4,516,335	4,514,199	9,113,968	48
412	1,479,689	29,725	365,256	1,967,880	2,362,861	49
285	640,690	21,802	1,070,115	1,065,978	2,157,895	50
2,356	6,609,424	330,225	5,344,140	12,711,681	18,386,046	51
870	2,185,405	53,954	1,212,582	3,374,794	4,641,330	52
1,055	1,995,197	62,765	1,800,922	3,032,303	4,895,990	53
148	262,149	2,444	614,676	428,482	1,045,602	54
1,614	3,501,957	102,244	2,872,027	7,331,262	10,305,533	55
29,833	**74,133,582**	**2,867,401**	**87,550,232**	**135,203,233**	**225,620,866**	56
1,288,382	**3,637,620,160**	**392,981,342**	**9,146,172,494**	**7,443,533,199**	**16,982,687,035**	57

1. In 1952 the basis of collection was "Value of factory shipments" instead of "Gross value of products" for a number of industries.

Table 12 gives the amount and value of each of the principal commodities produced or shipped by the manufacturing industries of Canada. Commodities produced in small quantities are not included but the list covers approximately 75 p.c. of total production. For a complete list of products, see Appendix II of this report.

TABLE 12. Quantities and Values of the Principal Commodities Produced or Shipped by the Manufacturing Industries of Canada, 1952

In 1952 the basis of collection was changed to "value of factory shipments" instead of "value of production" in a number of industries.

	Unit of measure	Quantity	Value
			$
Foods:			
Biscuits, all kinds	lb.	229,912,336	70,547,771
Bread	"	1,523,881,705	161,552,890
Butter, factory made	"	285,127,118	169,978,171
Cheese, factory made	"	128,013,100	41,508,122
Confectionery, all kinds	—	—	71,624,917
Cream, sold in dairy factories	lb. b. fat	24,606,969	27,895,030
Feed, chopped, grain	ton	446,048	27,476,668
Fish, canned and otherwise prepared	—	—	58,712,874
Flour, wheat	bbl	23,226,433	207,161,113
Feeds, stock and poultry	ton	1,978,931	166,079,194
Fruits and vegetables, canned	lb.	609,192,393	74,786,219
Fruits and vegetables, frozen	"	30,981,192	5,963,726
Ice cream, factory made	gal.	27,234,342	46,435,387
Jams, jellies and marmalades	—	—	17,085,579
Lard	lb.	120,433,198	13,660,305
Meats, canned including poultry, pastes, etc.	"	145,923,401	79,217,227
Meats, cooked	"	49,883,009	30,308,963
Meats, cured	"	236,300,898	106,249,774
Meats, sold fresh	"	1,103,230,543	444,046,228
Meats, sold frozen	"	113,672,201	43,817,334
Milk, sold in dairy factories	gal.	153,762,185	111,167,067
Milk, evaporated and condensed	lb.	322,288,903	40,651,153
Pickles, relishes and catsup	—	—	19,885,172
Pies, cakes and pastry	—	—	67,087,567
Powders, edible (custard, jelly, milk, etc.)	—	—	32,710,445
Sausage, fresh and cured	lb.	78,510,055	32,680,943
Shortening	"	123,538,660	28,306,481
Sugar, granulated (cane and beet)	lb.	1,169,198,852	104,960,982
Tea and coffee, roasted, blended and packed	"	118,371,046	106,067,896
Beverages:			
Aerated waters	gal.	103,472,607	89,809,805
Beer, ale, stout and porter (sales)[1]	"	193,830,348	300,475,178
Spirits, potable, sold (net sales)	pr. gal.	11,171,830	86,141,890
Wine, sold[1]	Imp. gal.	4,502,282	11,258,650
Tobacco and Tobacco Products[1]:			
Cigarettes	M	18,037,368	290,947,786
Cigars	M	201,517	15,487,025
Tobacco, chewing, smoking and snuff	lb.	33,950,025	83,320,646
Tobacco, raw leaf, processed	"	139,974,877	77,494,248
Textile Products except Clothing:			
Bags, cotton and jute	No.	108,931,950	26,532,117
Blankets	—	—	16,979,249
Carpets, mats and rugs	—	—	12,625,490
Cotton fabrics	—	—	130,194,710
Synthetic fabrics, all types	yd	101,897,589	79,569,853
Tire fabrics	lb.	27,005,981	21,782,167
Twine and cordage	—	—	25,305,862
Woollen cloth, woven and other	sq. yd.	28,695,924	59,375,186
Yarns, cotton, rayon, wool, etc. (for sale)	—	—	124,155,981
Clothing:			
Coats and overcoats, cloth, men's and youths'	No.	936,662	27,349,062
Coats, wool, women's and misses'	"	1,574,041	37,284,767
Coats, fur and fur-lined (factory made)	"	233,694	52,621,619
Short coats (including windbreakers, mackinaws, parkas, leather coats, etc.)	doz.	331,269	23,748,525
Dresses, women's and misses'	No.	13,829,238	75,080,527
Footwear, leather	pair	32,678,970	120,488,843
Footwear, rubber	"	13,880,803	38,775,100
Gloves and mittens, all kinds	doz. pr.	2,020,973	18,059,624
Hats and caps, men's	doz.	719,797	12,577,681
Hats, women's and children's	"	605,398	15,846,600
Hosiery, all kinds	doz. pr.	10,026,210	66,767,222
Shirts, fine, work and sport	doz.	2,051,663	49,441,244
Sport suits, slacks and other sport clothing n.e.s.	—	—	12,782,298
Suits, men's and youths', fine, woollen	No.	1,266,799	48,270,674
Underwear	doz.	4,635,950	36,112,246
Wood Products:			
Boxes, wooden	—	—	14,082,390
Lumber, planed	M ft. b. m.	2,862,930	230,006,551
Lumber sawn	" "	5,037,029	341,885,440
Pulp, wood, made for sale	s. ton	1,551,541	222,874,102
Sash, door and other mill work	—	—	61,195,367
Paper Products:			
Bags, paper	—	—	41,339,022
Boxes, paper	—	—	127,933,804
Paper, newsprint, wrapping and book	ton	6,158,620	703,517,316
Paper boards, all types	"	870,204	105,885,607

TABLE 12. Quantities and Values of the Principal Commodities Produced or Shipped by the Manufacturing Industries of Canada, 1952 – Concluded

	Unit of measure	Quantity	Value
			$
Printing, Publishing and Allied Industries:			
Books and catalogues printed and bound, chiefly for advertising	–	–	28,619,400
Other advertising matter printed	–	–	39,083,479
Periodicals printed for publishers	–	–	22,572,361
Periodicals printed by publishers:			
Subscriptions and sales	–	–	63,269,508
Gross revenue from advertising	–	–	157,048,838
Sheet forms commercial, printed	–	–	44,494,118
Iron and Steel Products:			
Bars, iron and steel, hot rolled (sold)	net ton	600,302	81,124,625
Boilers, heating and power	–	–	18,942,207
Castings, grey iron, made for sale	ton	242,194	48,194,914
Farm implements and parts	–	–	194,688,000
Forgings, steel and other	–	–	32,024,227
Hardware, builders' and other	–	–	38,406,000
Machinery, industrial, household, office and store	–	–	517,326,995
Pig iron (sold)	net ton	752,963	37,998,156
Pipes, tubing and fittings, iron and steel	–	–	99,530,000
Rolled iron and steel forms, semi-finished, sold	net ton	399,753	34,946,164
Sheets, bars and other, cold-rolled products, sold	" "	573,923	99,765,009
Steel ingots and castings, sold	" "	265,723	57,178,291
Steel shapes erected, bridge, etc.	–	–	70,679,068
Steel shapes, structural, made in primary mills	net ton	212,919	22,140,506
Stoves, coal, wood, electric and gas	–	–	45,871,119
Tools, hand, all kinds	–	–	37,596,038
Wire, wire rope and cable, steel	–	–	39,321,521
Transportation Equipment:			
Aircraft, including parts and repairs	–	–	158,626,498
Automobiles, commercial	No.	149,611	244,474,491
Automobiles, passenger	"	283,534	417,654,448
Automobile parts and accessories including tires	–	–	630,928,868
Buses	No.	565	8,772,823
Cars, freight, complete	"	11,905	88,242,963
Locomotives, diesel-electric, new	"	226	38,306,186
Ships and ship repairs	–	–	147,909,551
Non-ferrous Metal Products:			
Jewelry	–	–	18,522,000
Kitchenware, aluminum	–	–	8,142,097
Silverware	–	–	10,415,876
Smelter and refinery products	–	–	837,074,065
Electrical Apparatus and Supplies:			
Batteries, electric and parts	–	–	32,004,341
Radio sets and accessories	–	–	39,465,857
Refrigerators, household, mechanical	No.	244,394	46,033,194
Television sets	"	141,946	30,072,795
Wires and cables, electric	–	–	121,652,458
Non-Metallic Mineral Products:			
Abrasives, artificial	ton	211,363	24,918,618
Coke, gas-house	"	4,076,655	58,701,110
Concrete, ready-mixed	cu. yd.	1,994,079	23,415,036
Gas sold	M cu. ft.	26,277,503	30,911,194
Glass, pressed and blown (bottles, sealers, etc,)	–	–	37,078,343
Chemicals and Allied Products:			
Calcium and sodium compounds	–	–	46,435,000
Enamels, lacquers and varnishes	–	–	44,916,036
Explosives	lb.	167,806,672	26,289,267
Gases compressed and liquefied	–	–	28,896,000
Medicinal and pharmaceutical preparations	–	–	81,432,000
Paints, mixed, ready for use	Imp. gal.	10,553,583	40,013,956
Synthetic resins	–	–	19,100,000
Soap	lb.	196,090,000	39,675,000
Toilet preparations	–	–	37,280,597
Miscellaneous:			
Bags, hand and hand luggage	–	–	12,946,610
Brooms and household brushes	doz.	806,276	5,129,065
Cans, metal, for food	–	–	59,491,789
Furniture, wood and metal	–	–	156,832,663
Gasoline	Imp. gal.	2,063,056,519	329,531,770
Leather, shoe	–	–	32,678,619
Mattresses	–	–	18,213,780
Mops, floor	doz.	301,895	2,387,808
Oil, fuel	Imp. gal.	1,867,078,810	186,538,200
Pianos, organs and parts	–	–	5,288,556
Scientific and professional equipment	–	–	43,991,817
Sporting goods	–	–	11,305,266
Springs, bed and other furniture	–	–	8,551,009
Toys and games	–	–	18,432,144

1. Includes excise taxes on prime cost of "Beer, Wine and Tobacco Products".

Subsection 2. Manufactures Classified on the Chief Component Material Classification Basis

For the most purposes a classification of manufacturing industries based upon "chief component materials" has, in the past, proved most useful in Canadian industrial classification. For this reason the Bureau's classification based upon this concept has been the one most widely used for general purposes such as the Decennial Census, Vital Statistics, foreign Trade, etc. Even for these purposes some modification has been deemed expedient, such as the inclusion of a group "Textile Products", composed partly of animal and partly of vegetable products.

When the industry of a country is primarily concerned with the early stages in the processing of primary materials, i.e., when its final products are chiefly such items as pig iron, lumber and processed fish, a classification based upon chief component material is wholly applicable. As manufacturing industry develops, however, turning out more and more goods for final consumption, the combination of ingredients in such output becomes more and more complex. The modern automotive, aircraft, shipbuilding, and electrical apparatus industries are examples in which a wide variety of materials must be assembled for the completion of the final product.

In recent years Canada's industrial system has undergone considerable development. Consequently in establishing the Standard Industrial Classification, the concept of "purpose" has been combined with that of "chief component material" in the framework of the classification of manufacturing industries. For the classification of consumers' goods industries the concept of "purpose" seems most applicable both in terms of common usage in referring to industries and in providing the type of data most often required. Hence, such major groups as Foods and Beverages, Clothing, Transportation Equipment, Electrical Apparatus and Supplies, have been established.

TABLE 13. Principal Statistics of the Manufacturing Industries, Classified on the Chief Component Material Classification Basis, by Main Groups, Significant Years, 1917-1952

	Establishments	Employees	Earnings	Cost of materials	Value added by manufacture	Gross value of products
	No.	No.	$	$	$	$
1917						
Vegetable products	4,151	62,791	45,916,557	367,214,061	183,782,501	550,996,562
Animal products	5,486	46,994	35,753,133	320,302,039	124,103,990	444,406,029
Textiles and textile products	1,033	76,315	47,386,592	131,071,158	109,227,157	240,298,315
Wood and paper products	7,258	153,701	115,198,434	150,122,143	249,201,596	399,323,739
Iron and its products	1,495	161,745	161,875,426	378,193,116	371,792,489	749,985,605
Non-ferrous metal products	296	18,220	15,898,890	46,445,469	41,039,351	87,484,820
Non-metallic mineral products	1,075	20,781	18,224,724	36,994,392	58,092,396	95,086,788
Chemicals and allied products	539	56,153	51,505,484	99,068,092	131,381,995	230,450,087
Miscellaneous industries	512	9,823	6,042,604	10,268,341	12,510,505	22,778,846
Totals, 1917	**21,845**	**606,523**	**497,801,844**	**1,539,678,811**	**1,281,131,980**	**2,820,810,791**
1920						
Vegetable products	4,549	74,241	77,750,189	536,828,044	239,328,371	776,156,415
Animal products	4,823	48,687	54,291,606	400,496,354	152,995,130	553,491,484
Textiles and textile products	1,304	87,730	84,433,609	256,233,300	173,741,035	429,974,335
Wood and paper products	7,881	144,391	172,368,578	309,813,724	417,256,115	727,069,839
Iron and its products	1,789	164,087	231,595,911	377,499,134	411,875,057	789,374,191
Non-ferrous metal products	324	23,162	27,895,343	48,434,120	52,847,178	101,281,298
Non-metallic mineral products	846	25,500	32,351,764	69,856,558	80,205,472	150,062,030
Chemicals and allied products	464	17,653	22,193,421	62,644,608	65,183,212	127,827,820
Miscellaneous industries	552	13,442	14,613,455	23,465,807	27,841,778	51,307,585
Totals, 1920	**22,532**	**598,893**	**717,493,876**	**2,085,271,649**	**1,621,273,348**	**3,706,544,997**
1929						
Vegetable products	5,350	91,032	95,853,121	431,595,751	341,688,938	783,706,883
Animal products	4,490	67,670	62,081,423	345,351,882	127,929,857	477,761,855
Textiles and textile products	1,534	103,881	94,969,433	217,954,088	180,469,064	403,205,809
Wood and paper products	7,392	164,572	192,088,948	313,797,201	381,485,477	724,972,308
Iron and its products	1,224	142,772	203,740,658	405,818,468	367,465,582	790,726,338
Non-ferrous metal products	408	39,867	54,501,806	124,900,632	150,415,215	283,545,666
Non-metallic mineral products	843	29,257	38,958,390	112,573,103	99,065,847	229,774,300
Chemicals and allied products	554	16,694	22,639,449	55,184,337	78,785,911	138,545,221
Miscellaneous industries	421	10,786	12,457,989	22,495,351	28,081,046	51,207,736
Totals, 1929	**22,216**	**666,531**	**777,291,217**	**2,029,670,813**	**1,755,386,937**	**3,883,446,116**
1933						
Vegetable products	5,916	75,416	68,535,349	226,879,373	196,820,952	432,315,617
Animal products	4,496	53,111	46,453,188	179,429,948	87,629,444	271,068,210
Textiles and textile products	1,740	95,707	72,813,424	143,184,861	131,065,992	279,475,267
Wood and paper products	7,891	105,080	102,218,652	134,663,641	184,233,540	341,336,701
Iron and its products	1,334	73,348	72,296,179	98,793,191	109,198,169	216,828,992
Non-ferrous metal products	478	25,273	28,099,026	71,990,608	88,427,984	164,765,604
Non-metallic mineral products	770	16,975	19,282,401	69,077,701	52,817,078	131,325,706
Chemicals and allied products	696	15,397	18,738,629	34,271,854	55,394,284	92,820,761
Miscellaneous industries	459	8,351	7,810,976	9,497,751	14,083,738	24,138,927
Totals, 1933	**23,780**	**468,658**	**436,247,824**	**967,788,928**	**919,671,181**	**1,954,075,785**

TABLE 13. Principal Statistics of the Manufacturing Industries, Classified on the Chief Component Material Classification Basis, by Main Groups, Significant Years, 1917-1952 — Concluded

—	Establishments	Employees	Earnings	Cost of materials	Value added by manufacture	Gross value of products
	No.	No.	$	$	$	$
1939						
Vegetable products	5,872	99,447	104,248,785	356,726,153	292,129,840	659,624,014
Animal products	4,362	69,358	68,231,871	333,647,306	122,821,410	461,983,262
Textiles and textile products	1,930	121,022	107,117,035	203,618,197	181,927,898	392,657,759
Wood and paper products	8,538	144,782	165,287,455	246,292,820	303,662,441	579,892,183
Iron and its products	1,394	121,041	158,559,728	262,292,781	275,774,796	553,468,880
Non-ferrous metal products	526	44,563	59,684,858	242,063,177	155,808,806	416,060,459
Non-metallic mineral products	809	23,026	30,067,934	107,979,292	85,511,631	208,166,781
Chemicals and allied products	808	22,595	31,567,558	65,230,839	89,046,832	159,536,984
Miscellaneous industries	566	12,280	13,045,929	18,308,810	24,368,247	43,393,206
Totals, 1939	**24,805**	**658,114**	**737,811,153**	**1,836,159,375**	**1,531,051,901**	**3,474,783,528**
1944						
Vegetable products	5,941	130,679	183,943,948	763,606,750	485,551,491	1,270,518,297
Animal products	4,388	94,195	129,215,389	835,586,247	246,064,720	1,092,015,647
Textiles and textile products	2,481	153,122	195,805,681	419,988,642	351,186,488	781,771,688
Wood and paper products	10,452	189,674	284,436,559	497,656,158	550,826,986	1,093,725,822
Iron and its products	2,192	411,944	818,452,454	1,104,083,922	1,390,703,087	2,540,992,974
Non-ferrous metal products	635	104,314	182,909,292	549,317,062	399,498,519	992,345,975
Non-metallic mineral products	748	31,590	56,130,338	234,714,319	152,525,053	416,268,879
Chemicals and allied products	981	81,822	137,422,977	360,412,749	355,260,598	733,569,232
Miscellaneous industries	665	25,542	41,304,732	66,967,507	84,159,068	152,484,005
Totals, 1944	**28,483**	**1,222,882**	**2,029,621,370**	**4,832,333,356**	**4,015,776,010**	**9,073,692,519**
1949						
Vegetable products	5,903	143,032	285,536,723	1,236,409,496	754,329,727	2,020,565,833
Animal products	4,231	102,657	197,189,519	1,158,872,220	369,545,771	1,543,930,584
Textiles and textile products	3,234	186,328	342,930,642	669,108,586	606,402,697	1,290,314,474
Wood and paper products	15,866	262,835	579,896,808	1,061,229,176	1,184,539,519	2,325,304,849
Iron and its products	2,658	265,474	678,924,105	1,197,956,715	1,219,303,992	2,468,376,349
Non-ferrous metal products	897	100,614	251,869,627	749,678,627	558,467,028	1,353,329,383
Non-metallic mineral products	1,097	42,691	104,377,854	469,437,193	261,691,705	780,188,518
Chemicals and allied products	1,022	40,499	98,568,559	238,377,149	279,038,860	536,156,674
Miscellaneous industries	884	27,077	52,596,820	62,161,902	97,247,135	161,426,636
Totals, 1949	**35,792**	**1,171,207**	**2,591,890,657**	**6,843,231,064**	**5,330,566,434**	**12,479,593,300**
1951						
Vegetable products	5,862	144,762	339,272,100	1,485,063,324	926,401,068	2,445,848,786
Animal products	4,030	100,487	222,271,019	1,425,565,514	402,417,994	1,846,134,158
Textiles and textile products	3,343	190,054	389,843,607	861,474,177	681,616,663	1,559,977,021
Wood and paper products	16,817	281,204	735,283,683	1,453,475,873	1,660,280,363	3,209,391,543
Iron and its products	2,758	303,497	910,549,175	1,724,318,073	1,641,346,745	3,432,209,864
Non-ferrous metal products	909	117,740	345,482,742	1,113,974,070	760,219,708	1,929,608,127
Non-metallic mineral products	1,124	47,120	138,026,862	606,994,396	375,221,419	1,044,425,433
Chemicals and allied products	1,024	44,913	128,993,172	318,228,683	373,176,901	716,287,268
Miscellaneous industries	1,154	28,598	66,558,557	85,432,243	120,265,922	208,304,932
Totals, 1951	**37,021**	**1,258,375**	**3,276,280,917**	**9,074,526,353**	**6,940,946,783**	**16,392,187,132**
1952[1]						
Vegetable products	5,826	144,572	365,783,661	1,477,824,823	1,006,127,373	2,519,179,224
Animal products	3,912	102,038	242,380,359	1,325,004,126	457,008,034	1,801,102,780
Textiles and textile products	3,346	183,158	400,480,854	819,392,316	688,806,368	1,524,985,439
Wood and paper products	17,403	280,337	783,737,813	1,479,484,588	1,607,001,792	3,184,797,667
Iron and its products	2,973	333,132	1,084,755,540	1,951,542,870	1,902,423,464	3,922,647,073
Non-ferrous metal products	953	120,138	384,610,020	1,058,309,597	810,854,261	1,930,991,789
Non-metallic mineral products	1,158	48,327	156,392,092	634,846,809	429,518,608	1,130,487,677
Chemicals and allied products	1,062	46,971	145,647,388	313,340,224	407,215,284	744,630,244
Miscellaneous industries	1,296	29,709	73,832,433	86,427,141	134,578,015	223,865,142
Totals, 1952	**37,929**	**1,288,382**	**3,637,620,160**	**9,146,172,494**	**7,443,533,199**	**16,982,687,035**

1. In 1952 the basis of collection was changed from "value of products made" to "value of factory shipments". See text in p.

Subsection 3. Manufactures Classified by Origin of Materials

The distinction made between farm materials of Canadian and foreign origin is based on whether the materials are indigenous to Canada rather than on their actual source. Thus, the industries included in the foreign origin classes are those depending upon materials that cannot be grown in Canada, such as tea, coffee, spices, cane sugar, rice, rubber, cotton, etc. Industries included in the Canadian origin classes may, however, be using large quantities of imported materials.

The mineral origin group includes, in addition to non-ferrous metals so largely produced in Canada, the manufactures of iron and steel, of petroleum, and of other mineral substances, the raw materials for which are very largely imported. Products of mineral origin, with the exception of fuels, are nearly all durable goods. A high standard of living and advanced industrial organization is usually indicated by a relatively large production and consumption of mineral products. During periods of depression when the production of capital goods is curtailed, employment in the industries of the farm group, which produce mainly consumer goods, exceeds that of the mineral group. The industries of the mineral group in 1943, at the maximum of the war effort, had by far the greatest capital investment, employed the largest number of persons, and paid out the highest amount in salaries and wages. In 1943 the average capital per employee amounted to $5,441 for the mineral group as compared with $4,417 for the farm origin group. The mineral group also pays the highest wages. In 1952 the average salary and wage was $3,233 for the mineral group and $2,422 for the farm origin group.

TABLE 14. Principal Statistics of the Manufacturing Industries, Classified According to Origin of Material Used, by Main Groups, Significant Years 1924-52

Year and origin	Establishments	Capital	Employees	Earnings	Cost of materials	Gross value of products
	No.	$	No.	$	$	$
1924						
Farm origin	8,663	772,791,471	152,488	153,213,763	716,047,892	1,099,279,665
Mineral origin	2,806	1,010,517,944	136,837	171,068,497	349,800,585	700,002,097
Forest origin	6,873	876,149,932	126,907	147,719,245	245,183,429	544,282,597
Marine origin	836	20,304,785	11,157	3,344,348	16,089,332	26,637,962
Wild life origin	226	10,837,249	2,944	3,194,213	7,506,169	13,386,266
Mixed origin	1,305	204,716,127	57,277	55,927,609	101,563,384	200,718,177
Grand totals, 1924	**20,709**	**2,895,317,508**	**487,610**	**534,467,675**	**1,436,190,791**[1]	**2,584,306,764**[1]
Farm origin group:						
From field crops	4,595	525,717,571	89,436	87,789,237	433,443,376	691,513,259
From animal husbandry	4,068	247,073,900	63,052	65,424,526	282,604,516	407,766,406
Totals, farm origin	**8,663**	**772,791,471**	**152,488**	**153,213,763**	**716,047,892**	**1,099,279,665**
Canadian origin	8,379	546,231,949	114,514	119,217,657	553,357,883	848,236,237
Foreign origin	284	226,559,522	37,974	33,996,106	162,690,009	251,043,428
1929						
Farm origin	9,041	969,384,866	181,682	188,306,755	852,606,083	1,396,769,569
Mineral origin	3,219	1,550,662,908	218,879	304,027,803	678,683,203	1,392,499,868
Forest origin	7,353	1,148,558,242	163,863	191,044,307	313,088,964	722,269,066
Marine origin	730	28,644,442	16,367	5,411,855	21,496,859	34,966,260
Wild life origin	234	14,338,686	3,767	4,783,323	12,847,817	20,861,039
Mixed origin	1,639	293,302,865	81,973	83,717,174	150,947,887	316,080,314
Grand totals, 1929	**22,216**	**4,004,892,009**	**666,531**	**777,291,217**	**2,029,670,813**	**3,883,446,116**
Farm origin group:						
From field crops	5,191	697,206,163	114,236	115,201,292	496,842,580	889,075,246
From animal husbandry	3,850	272,178,703	67,446	73,105,463	355,763,503	507,694,323
Totals, farm origin	**9,041**	**969,384,866**	**181,682**	**188,306,755**	**852,606,083**	**1,396,769,569**
Canadian origin	8,743	708,461,549	134,680	140,340,993	682,056,026	1,106,006,184
Foreign origin	298	260,923,317	47,002	47,965,762	170,550,057	290,763,385
1933						
Farm origin	9,695	844,582,058	158,602	137,711,749	454,882,704	791,956,470
Mineral origin	3,539	1,306,641,651	130,565	138,101,092	271,434,337	601,428,003
Forest origin	7,796	882,445,602	102,807	99,046,012	133,550,374	335,886,257
Marine origin	620	15,532,775	4,064	2,287,385	10,960,289	17,380,323
Wild life origin	335	10,507,157	3,498	3,481,885	7,159,079	13,000,927
Mixed origin	1,795	219,550,595	69,122	55,619,701	89,802,145	194,423,805
Grand totals, 1933	**23,780**	**3,279,259,838**	**468,658**	**436,247,824**	**967,788,928**	**1,954,075,785**
Farm origin group:						
From field crops	5,746	609,044,529	93,433	81,655,182	263,007,043	494,048,930
From animal husbandry	3,949	235,537,529	65,169	56,056,567	191,875,661	297,907,540
Totals, farm origin	**9,695**	**844,582,058**	**158,602**	**137,711,749**	**454,882,704**	**791,956,470**
Canadian origin	9,373	629,450,643	124,547	107,807,386	365,559,776	620,197,449
Foreign origin	322	215,131,415	34,055	29,904,363	89,322,928	171,759,021
1939						
Farm origin	10,203	952,929,892	220,210	217,724,965	778,250,125	1,289,993,021
Mineral origin	3,474	1,498,265,618	210,752	280,054,303	669,728,573	1,321,444,094
Forest origin	8,430	951,016,933	142,091	160,798,500	244,944,997	572,335,960
Marine origin	523	21,479,200	5,369	3,638,794	18,114,698	28,816,536
Wild life origin	384	14,723,743	4,604	5,396,623	11,592,066	19,961,526
Mixed origin	1,791	208,609,063	75,088	70,197,968	113,528,916	242,232,391
Grand totals, 1939	**24,805**	**3,647,024,449**	**658,114**	**737,811,153**	**1,836,159,375**	**3,474,783,528**
Farm origin group:						
From field crops	6,096	649,746,486	124,708	126,311,033	410,994,461	759,964,866
From animal husbandry	4,107	303,183,406	95,502	91,413,932	367,255,664	530,028,155
Totals, farm origin	**10,203**	**952,929,892**	**220,210**	**217,724,965**	**778,250,125**	**1,289,993,021**
Canadian origin	9,382	699,345,423	171,460	168,260,771	630,779,223	1,011,294,132
Foreign origin	821	253,584,469	48,750	49,464,194	147,470,902	278,698,889

TABLE 14. Principal Statistics of the Manufacturing Industries, Classified According to Origin of Material Used, by Main Groups, Significant Years 1924-52 — Concluded

Year and origin	Establishments	Employees	Earnings	Cost of materials	Value added by manufacture	Gross value of products
	No.	No.	$	$	$	$
1944						
Farm origin	10,329	287,756	394,716,309	1,781,014,374	870,995,104	2,688,731,415
Mineral origin	4,479	634,542	1,208,779,764	2,258,796,792	2,312,260,844	4,708,104,244
Forest origin	10,347	186,680	278,171,969	495,531,476	541,521,976	1,082,160,284
Marine origin	535	9,664	10,327,695	45,906,542	22,066,801	68,882,879
Wild life origin	535	6,190	9,430,191	28,076,572	15,728,926	43,985,177
Mixed origin	2,258	98,050	128,195,442	223,007,600	253,202,359	481,828,520
Grand totals, 1944	**28,483**	**1,222,882**	**2,029,621,370**	**4,832,333,356**	**4,015,776,010**	**9,073,692,519**
Farm origin group:						
From field crops	6,307	164,514	226,751,705	888,435,918	563,349,320	1,477,008,962
From animal husbandry	4,022	123,242	167,964,604	892,578,456	307,645,784	1,211,722,453
Totals, farm origin	**10,329**	**287,756**	**394,716,309**	**1,781,014,374**	**870,995,104**	**2,688,731,415**
Canadian origin	9,493	225,077	303,293,749	1,507,501,822	668,958,344	2,202,655,904
Foreign origin	836	62,679	91,422,560	273,512,552	202,036,760	486,075,511
1949						
Farm origin	10,023	312,573	608,297,050	2,664,102,189	1,327,990,992	4,042,745,891
Mineral origin	5,936	453,960	1,147,317,944	2,652,631,878	2,315,722,610	5,133,084,333
Forest origin	15,467	255,671	562,316,999	1,051,100,174	1,158,202,397	2,288,386,108
Marine origin	599	11,856	16,969,825	69,090,041	41,140,022	111,961,148
Wild life origin	663	8,370	18,008,212	38,475,825	28,844,758	67,646,428
Mixed origin	3,104	128,777	238,980,627	367,830,957	458,665,655	835,769,392
Grand totals, 1949	**35,792**	**1,171,207**	**2,591,890,657**	**6,843,231,064**	**5,330,566,434**	**12,479,593,300**
Farm origin group:						
From field crops	6,165	175,715	348,944,897	1,414,938,794	863,950,508	2,313,027,879
From animal husbandry	3,858	136,858	259,352,153	1,249,163,395	464,040,484	1,729,718,012
Totals, farm origin	**10,023**	**312,573**	**608,297,050**	**2,664,102,189**	**1,327,990,992**	**4,042,745,891**
Canadian origin	9,204	247,762	473,274,682	2,289,435,804	1,041,245,310	3,369,356,461
Foreign origin	819	64,811	135,022,368	374,666,385	286,745,682	673,389,430
1951						
Farm origin	9,816	312,239	702,709,511	3,281,635,418	1,553,106,072	4,892,471,242
Mineral origin	6,109	517,079	1,537,131,218	3,757,080,165	3,137,209,177	7,104,016,198
Forest origin	16,417	274,584	716,106,975	1,441,823,451	1,631,955,643	3,168,940,064
Marine origin	633	14,911	24,744,189	101,621,086	58,665,035	163,010,208
Wild life origin	632	7,389	17,551,829	39,177,043	26,991,961	66,512,307
Mixed origin	3,414	132,173	278,037,195	453,189,190	533,018,895	997,237,113
Grand totals, 1951	**37,021**	**1,258,375**	**3,276,280,917**	**9,074,526,353**	**6,940,946,783**	**16,392,187,132**
Farm origin group:						
From field crops	6,142	180,788	416,421,285	1,739,956,828	1,060,429,903	2,839,625,828
From animal husbandry	3,674	131,451	286,288,226	1,541,678,590	492,676,169	2,052,845,414
Totals, farm origin	**9,816**	**312,239**	**702,709,511**	**3,281,635,418**	**1,553,106,072**	**4,892,471,242**
Canadian origin	8,947	242,208	534,880,813	2,739,054,575	1,174,031,701	3,957,392,807
Foreign origin	869	70,031	167,828,698	542,580,843	379,074,371	935,078,435
1952[2]						
Farm origin	9,681	310,448	751,930,860	3,127,662,069	1,694,737,971	4,882,070,311
Mineral origin	6,438	553,525	1,789,646,188	3,951,508,235	3,545,121,461	7,718,043,252
Forest origin	17,011	273,744	763,289,772	1,468,429,908	1,574,623,762	3,140,882,405
Marine origin	635	14,354	24,426,351	86,457,993	45,734,589	134,725,304
Wild life origin	613	7,249	18,748,284	43,086,798	28,912,404	72,307,412
Mixed origin	3,551	129,062	289,578,705	469,027,491	554,403,012	1,034,658,351
Grand totals, 1952	**37,929**	**1,288,382**	**3,637,620,160**	**9,146,172,494**	**7,443,533,199**	**16,982,687,035**
Farm origin group:						
From field crops	6,114	175,519	438,429,742	1,695,982,351	1,116,653,002	2,852,611,414
From animal husbandry	3,567	134,929	313,501,118	1,431,679,718	578,084,969	2,029,458,897
Totals, farm origin	**9,681**	**310,448**	**751,930,860**	**3,127,662,069**	**1,694,737,971**	**4,882,070,311**
Canadian origin	8,797	246,825	584,371,370	2,659,556,833	1,321,738,620	4,027,895,006
Foreign origin	884	63,623	167,559,490	468,105,236	372,999,351	854,175,305

1. For the year 1924 the figures for "Cost of Materials" and "Gross Value of Products" include the value placed on intermediate products used in further processes in the chemical group of industries. For this reason these figures differ slightly from those contained in the other tables of this report.

2. In 1952 the basis of collection was changed from "Value of Products Made" to "Value of Factory Shipments". See text on p.

Subsection 4. Manufactures Classified by Type of Ownership

This subsection deals with the type of ownership under which Canadian manufacturers operate. The first survey in 1946 did not include the fish-curing and packing industry, information for which was not available at that time. For this reason the figures for 1946 are not strictly comparable with those for succeeding years, although the inclusion of that industry has not materially altered the percentage distribution of individual ownership, incorporated companies, etc.

Of the 37,929 establishments operating in 1952 1,405 establishments in the periodical publishing industry were unclassifiable, leaving 36,524 establishments in the four categories of ownership. Individual ownership numbered 16,388 establishments, partnerships 5,633, incorporated companies 13,491 and co-operatives 1,012. The percentage distribution of the four categories of ownership are given below for the years 1946 to 1952.

Year	Individual ownership	Partnerships	Incorporated companies	Co-operatives
1946 (estimated)	47.3	16.0	33.4	3.3
1947	46.4	16.1	34.3	3.2
1948	46.2	16.4	34.4	3.0
1949	46.0	15.8	35.3	2.9
1950	45.6	15.0	36.3	3.1
1951	44.6	15.5	36.9	3.0
1952	44.9	15.4	36.9	2.8

As is to be expected, the smaller establishments, regardless of the type of products manufactured, are carried on under individual ownership. In that category industries conducted on a small scale contain a large number of establishments, the percentage decreasing as the scale of operations increases, as the following statement shows.

No.	Group	Average number of employees per establishment	Percentage of individual ownership establishments to total
1	Wood products	10.4	62.0
2	Printing, publishing and allied trades	15.6	46.1
3	Foods and beverages	21.2	47.7
4	Miscellaneous manufacturing industries	22.7	36.5
5	Non-metallic mineral products	29.7	33.7
6	Clothing (textile and fur)	38.7	26.4
7	Chemicals and allied products	44.4	16.8
8	Leather products	45.8	30.3
9	Iron and steel products	72.1	26.2
10	Textile products (except clothing)	79.2	29.0
11	Non-ferrous metal products	92.3	27.5
12	Tobacco and tobacco products	152.1	37.7
13	Paper products	152.8	8.8
14	Products of petroleum and coal	167.4	3.0
15	Electrical apparatus and supplies	172.6	12.0
16	Transportation equipment	237.2	31.6
17	Rubber products	308.3	10.0
	All groups	**34.0**	**44.9**

It is therefore, found, according to the above, that in the wood products group 62 p.c. of the establishments were under individual ownership. The foods and beverages group had 48 p.c. of its establishments in this classification followed by printing, publishing and allied industries with 46 p.c., tobacco products 38 p.c., miscellaneous manufacturing industries 36 p.c., non-metallic mineral products 34 p.c., transportation equipment 32 p.c., leather products 30 p.c., textile products (except clothing) 29 p.c., non-ferrous metal products 27 p.c., clothing (textile and fur) 26 p.c., iron and steel products 26 p.c., etc.

The establishments operating under individual ownership are not as important from the point of view of employment provided as their large numbers would indicate. According to tables 15 and 16, these establishments which comprise 45 p.c. of the total have only 6 p.c. of the total employees. Partnerships accounted for 15 p.c. of the number of establishments and 4 p.c. of the total employees. Incorporated companies with 37 p.c. of the number of establishments had 90 p.c. of the employees. Co-operatives with 3 p.c. of the number had 1 p.c. of the employees.

On the basis of employment provided, incorporated companies are by a very wide margin the most important factor in the employment field. In the rubber products, paper products, transportation equipment, electrical apparatus and supplies and petroleum and coal products groups 99 p.c. of the employees were reported by such companies. Companies in the chemicals and allied products group had 98 p.c., non-ferrous products had 97 p.c., tobacco products, iron and steel products, had 96 p.c., textile products (except clothing) had 95 p.c., non-metallic mineral products 91 p.c., leather products had 87 p.c., miscellaneous industries groups had 86 p.c., printing, publishing and allied industries 85, clothing (textile and fur) 83, foods and beverages 80 p.c. Companies in the wood products group with 68 reported the lowest percentage of the total employment.

TABLE 15. Percentage Distribution of Establishments in the Manufacturing Industries, Classified by Type of Ownership, by Provinces and Industrial Groups, 1952[1]

Province or group	Individual ownership	Partnerships	Incorporated companies	Co-operatives	Total
	p.c.	p.c.	p.c.	p.c.	p.c.
Province					
Newfoundland	51.2	34.1	14.5	0.2	100.0
Prince Edward Island	47.5	19.0	25.8	7.7	100.0
Nova Scotia	54.1	15.2	28.7	2.0	100.0
New Brunswick	54.0	12.2	30.8	3.0	100.0
Quebec	49.8	11.2	34.9	4.1	100.0
Ontario	39.0	15.8	43.1	2.1	100.0
Manitoba	40.3	16.1	42.0	1.6	100.0
Saskatchewan	57.7	16.0	21.2	5.1	100.0
Alberta	51.7	19.7	25.8	2.8	100.0
British Columbia	36.6	20.1	41.9	1.4	100.0
Yukon and Northwest Territories	47.8	8.7	43.5	—	100.0
Canada	**44.9**	**15.4**	**36.9**	**2.8**	**100.0**
Industrial Group					
Foods and beverages	47.7	11.5	29.3	11.5	100.0
Tobacco and tobacco products	37.7	3.3	54.1	4.9	100.0
Rubber products	10.0	7.1	82.9	—	100.0
Leather products	30.3	13.1	56.6	—	100.0
Textile products (except clothing)	29.0	12.4	58.6	—	100.0
Clothing (textile and fur)	26.4	19.3	54.3	—	100.0
Wood products	62.0	19.7	18.1	0.2	100.0
Paper products	8.8	3.5	87.7	—	100.0
Printing, publishing and allied industries[1]	46.1	16.0	37.5	0.4	100.0
Iron and steel products	26.2	14.2	59.3	0.3	100.0
Transportation equipment	31.6	12.6	55.8	—	100.0
Non-ferrous metal products	27.5	12.9	59.6	—	100.0
Electrical apparatus and supplies	12.0	6.2	81.8	—	100.0
Non-metallic mineral products	33.7	16.5	49.8	—	100.0
Products of petroleum and coal	3.0	2.0	93.0	2.0	100.0
Chemical products	16.8	6.2	76.6	0.4	100.0
Miscellaneous manufacturing industries	36.5	13.9	49.4	0.2	100.0

1. Four main categories of ownership only; the non-classifiable group is not included.

TABLE 16. Percentage Distribution of Employment in the Manufacturing Industries, Classified by Type of Ownership, by Provinces and Industrial Groups, 1952[1]

Province or group	Individual ownership	Partnerships	Incorporated companies	Co-operatives	Total
	p.c.	p.c.	p.c.	p.c.	p.c.
Province					
Newfoundland	9.4	8.0	82.6	--	100.0
Prince Edward Island	19.6	11.5	64.0	4.9	100.0
Nova Scotia	10.2	3.8	84.7	1.3	100.0
New Brunswick	10.3	3.4	84.6	1.7	100.0
Quebec	7.3	3.6	88.3	0.8	100.0
Ontario	4.0	3.0	92.6	0.4	100.0
Manitoba	5.4	4.5	89.0	1.1	100.0
Saskatchewan	13.0	6.2	70.2	10.6	100.0
Alberta	12.3	7.3	78.2	2.2	100.0
British Columbia	5.9	5.3	86.7	2.1	100.0
Yukon and Northwest Territories	19.5	3.1	77.4	—	100.0
Canada	**5.9**	**3.6**	**89.6**	**0.9**	**100.0**
Industrial Group					
Foods and beverages	10.4	4.2	80.4	5.0	100.0
Tobacco and tobacco products	1.2	0.4	95.7	2.7	100.0
Rubber products	0.2	0.5	99.3	—	100.0
Leather products	7.0	5.6	87.4	—	100.0
Textile products (except clothing)	2.7	2.0	95.3	--	100.0
Clothing (textile and fur)	8.1	9.2	82.7	—	100.0
Wood products	20.7	10.5	68.4	0.4	100.0
Paper products	0.5	0.3	99.2	—	100.0
Printing, publishing and allied industries[1]	8.9	4.8	85.1	1.2	100.0
Iron and steel products	2.4	1.9	95.6	0.1	100.0
Transportation equipment	0.5	0.4	99.1	—	100.0
Non-ferrous metal products	1.9	1.5	96.6	—	100.0
Electrical apparatus and supplies	0.4	0.5	99.1	—	100.0
Non-metallic mineral products	5.5	4.0	90.5	—	100.0
Products of petroleum and coal	--	--	99.0	1.0	100.0
Chemicals and allied products	1.2	0.6	97.9	0.3	100.0
Miscellaneous manufacturing industries	8.6	4.9	86.3	0.2	100.0

1. Four main categories of ownership only; the non-classifiable group is not included.

Symbols — nil.
-- amount too small to be expressed.

TABLE 17. Percentage Distribution of Employment in the Forty Leading Industries, by Type of Ownership, 1952

No.	Industry	Individual ownership	Partnerships	Incorporated companies	Co-operatives	Total
1	Pulp and paper	—	0.1	99.9	—	100.0
2	Slaughtering and meatpacking	1.5	1.7	94.7	2.1	100.0
3	Non-ferrous metal smelting and refining	—	—	100.0	—	100.0
4	Motor vehicles	—	—	100.0	—	100.0
5	Petroleum products	--	--	98.5	1.5	100.0
6	Sawmills	30.6	13.8	55.2	0.4	100.0
7	Primary iron and steel	—	—	100.0	—	100.0
8	Butter and cheese	10.8	4.8	61.7	22.7	100.0
9	Railway rolling stock	—	--	100.0	—	100.0
10	Rubber goods, including footwear	0.2	0.5	99.3	—	100.0
11	Clothing, men's factory	5.6	8.5	85.9	—	100.0
12	Motor vehicle parts	1.0	0.9	98.1	—	100.0
13	Flour mills	1.2	3.1	94.0	1.7	100.0
14	Miscellaneous food preparations	4.4	2.4	93.2	—	100.0
15	Bread and other bakery products	27.2	7.8	64.5	0.5	100.0
16	Aircraft and parts	0.1	--	99.9	—	100.0
17	Machinery, heavy electrical	--	--	100.0	—	100.0
18	Machinery, industrial	1.8	1.5	96.4	0.3	100.0
19	Cotton yarn and cloth	--	--	100.0	—	100.0
20	Electrical apparatus and supplies, n.e.s.	0.3	0.6	99.1	—	100.0
21	Printing and publishing	5.5	2.2	91.1	1.2	100.0
22	Clothing, women's factory	7.1	9.4	83.5	—	100.0
23	Sheet metal products	2.5	2.1	95.4	—	100.0
24	Fruit and vegetable preparations	5.3	4.0	87.4	3.3	100.0
25	Agricultural implements	0.7	0.6	97.9	0.8	100.0
26	Furniture	12.6	10.3	77.1	—	100.0
27	Sash, door and planing mills	16.6	8.3	74.8	0.3	100.0
28	Brass and copper products	1.9	1.5	96.6	—	100.0
29	Stock and poultry feeds, prepared	16.3	7.0	57.9	18.8	100.0
30	Breweries	—	0.4	99.6	—	100.0
31	Boxes and bags, paper	1.6	0.8	97.6	—	100.0
32	Castings, iron	3.6	2.2	94.2	—	100.0
33	Printing and bookbinding	14.9	8.1	75.2	1.8	100.0
34	Shipbuilding	0.3	0.2	99.5	—	100.0
35	Synthetic textiles and silk	4.3	—	95.7	—	100.0
36	Miscellaneous chemical products	1.4	0.5	98.1	—	100.0
37	Bridge and structural steel	0.1	0.1	99.8	—	100.0
38	Tobacco, cigars and cigarettes	1.4	0.5	98.1	—	100.0
39	Miscellaneous paper products	2.2	0.9	96.9	—	100.0
40	Fish processing	10.6	3.4	77.5	8.5	100.0

Symbols: -- amount to small to be expressed.
— nil or zero.

TABLE 18. Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Type of Ownership, 1952

Provinces and Groups	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
Canada:						
Individual ownership	16,388	76,241	132,683,922	10,705,720	314,178,691	560,414,055
Partnerships	5,633	46,663	92,635,060	5,567,720	206,139,307	377,132,891
Incorporated companies	13,491	1,149,872	3,380,043,307	373,423,060	8,428,465,000	15,775,512,326
Co-operatives	1,012	11,037	23,380,289	3,284,842	175,805,456	228,201,670
Not classifiable[1]	1,405	4,569	8,877,582	—	21,584,040	41,426,093
Totals	**37,929**	**1,288,382**	**3,637,620,160**	**392,981,342**	**9,146,172,494**	**16,982,687,035**
Newfoundland:						
Individual ownership	482	969	1,069,246	106,981	1,698,411	3,692,060
Partnerships	321	827	709,804	83,401	1,306,443	3,026,114
Incorporated companies	137	8,502	23,445,487	3,682,668	42,425,538	98,620,545
Co-operatives	2					
Not classifiable[1]	6	5	9,314	—	47,228	120,965
Totals	**948**	**10,303**	**25,233,851**	**3,873,050**	**45,477,620**	**105,459,684**
Prince Edward Island:						
Individual ownership	105	351	355,532	59,960	1,632,244	2,476,199
Partnerships	42	207	259,712	26,892	1,050,745	1,556,981
Incorporated companies	57	1,148	2,107,128	228,210	12,152,399	16,870,883
Co-operatives	17	88	83,200	11,113	943,548	1,155,228
Not classifiable[1]	3	1	50	—	7,463	10,380
Totals	**224**	**1,795**	**2,805,622**	**326,175**	**15,785,399**	**22,069,671**

1. Consists of the industry "Publishing (only) of Periodicals"

TABLE 18. Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Type of Ownership, 1952 — Concluded

Provinces and Groups	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
Nova Scotia:						
Individual ownership	802	3,381	4,313,072	449,391	13,771,726	23,036,333
Partnerships	226	1,277	1,612,477	148,783	5,281,844	8,642,923
Incorporated companies	426	28,215	68,778,313	12,316,326	161,528,601	291,664,195
Co-operatives	29	420	488,381	68,881	2,391,746	3,250,970
Not classifiable[1]	50	78	53,144	—	167,449	245,326
Totals	**1,533**	**33,371**	**75,245,387**	**12,983,381**	**183,141,366**	**326,839,747**
New Brunswick:						
Individual ownership	571	2,505	3,319,463	358,665	9,053,839	16,100,533
Partnerships	129	812	1,168,062	90,858	2,928,322	5,171,532
Incorporated companies	326	20,483	50,851,118	10,612,031	145,819,830	264,023,637
Co-operatives	32	422	609,381	99,883	6,808,808	8,193,455
Not classifiable[1]	19	29	30,438	—	150,075	270,625
Totals	**1,077**	**24,251**	**55,978,462**	**11,161,437**	**164,760,874**	**293,759,782**
Quebec:						
Individual ownership	5,779	31,337	52,378,799	3,907,912	136,446,802	234,600,410
Partnerships	1,296	15,348	29,651,389	1,454,166	64,543,104	119,716,500
Incorporated companies	4,042	377,320	1,033,028,411	135,660,297	2,466,061,409	4,715,442,477
Co-operatives	478	3,478	5,822,884	951,058	67,845,971	83,411,716
Not classifiable[1]	429	2,215	5,063,220	—	10,720,827	23,063,722
Totals	**12,024**	**429,698**	**1,125,944,703**	**141,973,433**	**2,745,618,113**	**5,176,234,825**
Ontario:						
Individual ownership	4,937	24,571	47,708,097	3,787,445	108,728,102	193,984,274
Partnerships	2,003	18,351	39,987,938	2,245,698	88,653,026	159,043,173
Incorporated companies	5,447	562,905	1,748,667,600	166,906,110	4,150,351,853	7,965,135,758
Co-operatives	266	2,279	5,052,596	696,394	32,234,221	41,449,637
Not classifiable[1]	519	1,590	2,770,174	—	7,464,201	12,560,784
Totals	**13,172**	**609,696**	**1,844,186,405**	**173,635,647**	**4,387,431,403**	**8,372,173,626**
Manitoba:						
Individual ownership	574	2,334	4,127,067	332,158	9,600,554	17,058,507
Partnerships	229	1,914	3,603,110	186,544	9,103,109	15,721,224
Incorporated companies	599	38,479	102,963,218	8,928,067	321,971,168	530,797,665
Co-operatives	24	486	1,212,848	111,487	6,296,009	9,263,061
Not classifiable[1]	105	152	241,329	—	693,810	1,196,755
Totals	**1,531**	**43,365**	**112,147,572**	**9,558,256**	**347,664,650**	**574,037,212**
Saskatchewan:						
Individual ownership	567	1,458	2,243,590	247,376	3,793,230	8,239,222
Partnerships	157	690	1,212,612	133,221	2,622,830	5,078,320
Incorporated companies	208	7,879	22,884,109	4,712,570	142,537,200	213,836,741
Co-operatives	50	1,189	3,075,596	516,333	23,155,676	31,375,557
Not classifiable[1]	40	91	73,955	—	279,183	401,936
Totals	**1,022**	**11,307**	**29,489,862**	**5,609,500**	**172,388,119**	**258,931,776**
Alberta:						
Individual ownership	1,069	3,875	6,603,385	601,195	13,807,220	26,438,788
Partnerships	408	2,316	4,386,122	376,536	14,234,914	23,699,460
Incorporated companies	533	24,750	69,698,442	7,207,372	288,242,415	449,457,616
Co-operatives	59	706	1,716,312	187,554	15,068,441	18,036,097
Not classifiable[1]	81	118	122,933	—	464,151	778,850
Totals	**2,150**	**31,765**	**82,527,194**	**8,372,657**	**331,817,141**	**518,410,811**
British Columbia:						
Individual ownership	1,491	5,428	10,496,822	846,111	15,551,470	34,552,868
Partnerships	820	4,916	10,038,529	820,287	16,400,676	35,451,834
Incorporated companies	1,706	80,067	257,165,609	22,989,905	696,413,973	1,227,644,575
Co-operatives	55	1,966	5,316,991	641,999	21,055,476	32,055,835
Not classifiable[1]	153	290	513,025	—	1,589,653	2,776,750
Totals	**4,225**	**92,667**	**283,530,976**	**25,298,302**	**751,011,248**	**1,332,481,862**
Yukon and Northwest Territories:						
Individual ownership	11	37	74,154	9,860	109,387	259,691
Partnerships	2					
Incorporated companies	10	127	455,972	179,644	966,174	2,028,348
Totals	**23**	**164**	**530,126**	**189,504**	**1,075,561**	**2,288,039**

1. Consists of the industry "Publishing (only) of Periodicals".

TABLE 19. Principal Statistics of the Manufacturing Industries of Canada Classified by Industrial Groups, and by Type of Ownership, 1952

Industrial Groups	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
1. Foods and Beverages:						
Individual ownership	3,943	18,185	29,731,490	5,137,410	136,694,953	195,844,719
Partnerships	949	7,392	13,939,396	2,035,904	71,680,368	102,229,429
Incorporated companies	2,419	141,183	368,408,643	37,458,801	1,963,777,365	2,971,683,925
Co-operatives	952	8,792	17,570,526	2,851,623	160,936,368	202,758,877
Totals	**8,263**	**175,552**	**429,650,055**	**47,483,738**	**2,333,089,054**	**3,472,516,950**
2. Tobacco and Tobacco Products:						
Individual ownership	23	147	220,883	7,000	284,994	596,101
Partnerships	2					
Incorporated companies	33	8,876	24,844,497	578,506	141,944,101	212,751,483
Co-operatives	3	254	339,692	14,084	2,308,575	2,566,786
Totals	**61**	**9,277**	**25,405,072**	**599,590**	**144,537,670**	**215,914,370**
3. Rubber Products:						
Individual ownership	7	44	69,299	5,949	60,251	145,403
Partnerships	5	105	231,266	10,618	160,457	487,054
Incorporated companies	58	21,433	65,177,118	3,345,707	120,578,587	286,022,172
Totals	**70**	**21,582**	**65,477,683**	**3,362,274**	**120,799,295**	**286,654,629**
4. Leather Products:						
Individual ownership	212	2,223	3,927,047	84,256	6,621,068	13,051,693
Partnerships	92	1,811	3,200,833	66,208	5,979,537	11,174,389
Incorporated companies	397	28,069	59,025,610	1,824,811	103,113,900	194,974,847
Totals	**701**	**32,103**	**66,153,490**	**1,975,275**	**115,714,505**	**219,200,929**
5. Textile Products (Except Clothing):						
Individual ownership	266	1,957	3,351,513	161,443	7,065,404	13,144,028
Partnerships	114	1,449	2,720,637	104,282	8,859,048	13,662,721
Incorporated companies	536	69,333	172,617,316	12,725,968	402,598,066	717,334,896
Co-operatives	2					
Totals	**918**	**72,739**	**178,689,466**	**12,991,693**	**418,522,518**	**744,141,645**
6. Clothing (Textile and Fur):						
Individual ownership	803	9,516	17,358,402	291,675	37,262,774	68,352,359
Partnerships	586	10,872	22,539,214	300,016	44,202,771	83,720,593
Incorporated companies	1,652	97,280	200,642,056	3,511,581	362,491,051	701,078,254
Totals	**3,041**	**117,668**	**240,539,672**	**4,103,272**	**443,956,596**	**853,151,206**
7. Wood Products:						
Individual ownership	7,730	26,941	41,184,173	3,152,840	91,722,082	172,947,740
Partnerships	2,457	13,716	23,753,471	1,632,302	48,294,165	93,274,911
Incorporated companies	2,250	89,253	233,215,593	9,636,466	476,627,797	896,788,977
Co-operatives	30	558	1,277,744	73,100	2,335,466	4,617,903
Totals	**12,467**	**130,468**	**299,430,981**	**14,494,708**	**618,979,510**	**1,167,629,531**
8. Paper Products:						
Individual ownership	48	426	887,220	30,501	1,534,219	3,180,692
Partnerships	19	240	539,781	30,146	841,319	1,791,343
Incorporated companies	476	82,299	291,255,282	79,680,601	691,814,863	1,505,176,756
Totals	**543**	**82,965**	**292,682,283**	**79,741,248**	**694,190,401**	**1,510,148,791**
9. Printing, Publishing and Allied Industries:						
Individual ownership	1,253	5,341	11,362,317	442,547	7,372,021	25,592,091
Partnership	436	2,855	6,768,849	198,438	4,627,100	15,123,570
Incorporated companies	1,019	50,965	157,064,788	3,180,649	125,603,368	404,432,911
Co-operatives	11	755	2,177,179	57,257	1,207,258	4,360,186
Not classifable [1]	1,405	4,569	8,877,582	—	21,584,040	41,426,093
Totals	**4,124**	**64,485**	**186,250,715**	**3,878,891**	**160,393,787**	**490,934,851**
10. Iron and Steel Products:						
Individual ownership	689	4,559	10,546,751	548,738	9,263,108	26,940,613
Partnerships	373	3,513	8,897,125	408,991	8,269,246	23,813,547
Incorporated companies	1,557	180,852	596,850,034	52,011,902	929,283,143	2,081,475,819
Co-operatives	6	267	717,014	25,899	1,177,693	2,801,765
Totals	**2,625**	**189,191**	**617,010,924**	**52,995,530**	**947,993,190**	**2,135,031,744**
11. Transportation Equipment:						
Individual ownership	195	780	1,533,770	69,199	1,480,873	3,815,273
Partnerships	78	586	1,365,728	51,402	1,519,931	3,805,589
Incorporated companies	344	144,994	470,218,952	15,761,048	1,006,469,766	1,796,078,961
Totals	**617**	**146,360**	**473,118,450**	**15,881,649**	**1,009,470,570**	**1,803,699,823**
12. Non-ferrous Metal Products:						
Individual ownership	152	993	2,140,645	95,797	2,393,922	5,817,082
Partnerships	71	760	1,635,899	65,834	2,004,499	5,063,399
Incorporated companies	329	49,185	163,268,540	55,439,933	740,198,006	1,204,237,966
Totals	**552**	**50,938**	**167,045,084**	**55,601,564**	**744,596,427**	**1,215,118,447**

TABLE 19. Principal Statistics of the Manufacturing Industries of Canada Classified by Industrial Groups, and by Type of Ownership, 1952 — Concluded

Industrial groups	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
13. Electrical Apparatus and Supplies:						
Individual ownership	48	315	687,950	26,163	1,129,301	2,510,127
Partnerships	25	337	669,151	23,205	1,484,130	2,744,827
Incorporated companies	328	68,548	216,207,835	6,176,999	311,099,739	710,618,388
Totals	**401**	**69,200**	**217,564,936**	**6,226,367**	**313,713,170**	**715,873,342**
14. Non-metallic Mineral Products:						
Individual ownership	356	1,726	3,382,554	368,887	3,415,840	9,629,661
Partnerships	174	1,250	2,724,837	495,303	2,971,260	8,679,472
Incorporated companies	527	28,446	86,711,528	39,277,013	108,830,468	331,742,497
Totals	**1,057**	**31,422**	**92,818,919**	**31,141,203**	**115,217,568**	**350,051,630**
15. Products of Petroleum and Coal:						
Individual ownership	3	11	20,011	941	62,683	100,113
Partnerships	2					
Incorporated companies	94	16,894	63,553,162	34,980,116	519,566,558	780,335,934
Co-operatives	2					
Totals	**101**	**16,905**	**63,573,173**	**34,981,057**	**519,629,241**	**780,436,047**
16. Chemicals and Allied Products:						
Individual ownership	181	578	1,173,299	72,337	2,018,275	4,476,208
Partnerships	67	263	542,140	33,012	1,108,849	2,246,562
Incorporated companies	823	46,702	145,834,914	24,507,105	353,038,116	787,697,466
Co-operatives	4	151	525,322	43,428	1,653,520	2,141,998
Totals	**1,075**	**47,694**	**148,075,675**	**24,655,882**	**357,818,760**	**796,562,234**
17. Miscellaneous Manufacturing Industries:						
Individual ownership	479	2,540	5,206,801	211,494	5,922,753	14,533,447
Partnerships	183	1,473	3,006,530	110,602	4,010,797	9,052,190
Incorporated companies	649	25,820	65,920,251	2,545,305	77,616,682	202,035,229
Co-operatives	2					
Totals	**1,313**	**29,833**	**74,133,582**	**2,867,401**	**87,550,232**	**225,620,866**

1. Consists of the industry "Publishing (only) of Periodicals".

Subsection 5. Leading Manufacturing Industries

In the following statement, the rank of the ten leading industries in 1952, from the standpoint of gross value of production, is compared with their respective ranks in significant years since 1922.

Industry	Rank in						
	1952	1949	1944	1939	1933	1929	1922
Pulp and paper	1	1	5	2	1	1	2
Slaughtering and meat packing	2	2	1	3	3	2	3
Non-ferrous metal smelting and refining	3	3	2	1	2	9	1
Motor vehicles	4	4	7	5	11	4	6
Petroleum products	5	5	14	6	6	10	9
Sawmills	6	6	11	8	14	5	4
Primary iron and steel	7	8	13	11	31	16	20
Butter and cheese	8	7	10	4	5	6	5
Railway rolling-stock	9	9	16	16	23	7	24
Rubber goods, including footwear	10	15	15	14	4	11	21

1. Did not rank among the forty leading industries in 1922.

A prominent feature of Canadian manufacturing development during the past 25 years has been the rapid growth of non-ferrous metal smelting. This industry, based upon the rich base-metal resources of the country, has taken its place among the leading manufactures along with the industries based upon forest, agricultural and live-stock resources.

The incidence of the depression resulted in a rearrangement in the ranking of many industries which in some cases has proved to be temporary. During the War, the industries engaged in producing the equipment needed by the Armed Forces, such as shipbuilding, aircraft, automobiles, miscellaneous chemical products, and primary iron and steel, advanced to higher positions. When the War ended, the industries engaged in the production of consumer goods, by reason of the expanded demand for their products, bettered their positions. Pulp and paper, after a lapse of a number of years, resumed its premier position.

With only two exceptions, the same industries which were in the lead in 1951 retained their rank in 1952. Railway rolling-stock advanced to ninth place while rubber goods dropped to tenth place. Reflecting the difficulties encountered by the textile industries, cotton yarn and cloth which was in twelfth place in 1951 dropped to nineteenth place in 1952. On the other hand, men's factory clothing advanced from sixteenth to eleventh place. The impetus given to Canadian manufacturing production by the Korean war is reflected in the advance of the aircraft industry from fortieth place the previous year to sixteenth place in 1952, and the advance of the shipbuilding industry which did not rank amongst the forty leading industries in 1951 to thirty-fourth place in 1952. There was also a change in the rank of the flour milling industry which dropped from eleventh to thirteenth place.

TABLE 20. Principal Statistics of the Forty Leading Industries of Canada, Ranked According to Gross Value of Products, 1951

No.	Industry	Establishments	Employees	Earnings	Cost of materials	Value added by manufacture	Gross value of products
		No.	No.	$	$	$	$
1	Pulp and paper	126	57,291	213,169,906	483,014,009	679,257,743	1,237,897,470
2	Slaughtering and meat-packing	155	20,914	62,108,875	767,366,797	120,488,594	892,090,641
3	Non-ferrous metal smelting and refining	17	22,814	75,474,505	553,658,940	262,972,790	861,315,930
4	Motor vehicles	19	30,479	101,342,774	469,114,484	271,113,834	742,895,888
5	Petroleum products	52	10,611	37,078,626	438,467,139	135,902,522	598,940,516
6	Sawmills	7,934	62,415	132,058,607	313,174,713	271,865,508	591,551,749
7	Primary iron and steel	57	33,393	108,561,802	223,011,814	209,472,365	464,587,486
8	Butter and cheese	1,690	20,900	46,781,550	284,602,975	82,416,262	373,745,860
9	Rubber goods, including footwear	67	23,054	64,357,696	146,951,650	161,184,980	311,678,489
10	Railway rolling stock	37	33,410	94,028,834	175,964,789	119,895,329	300,627,241
11	Flour mills[1]	108	4,864	13,596,597	242,132,072	37,078,324	280,866,778
12	Cotton yarn and cloth	54	27,632	58,734,833	172,443,466	97,158,451	273,651,120
13	Motor vehicle parts	161	21,197	65,283,163	142,840,935	117,021,089	263,133,094
14	Miscellaneous food preparations, n.e.s.[2]	328	9,194	20,965,126	192,185,529	65,324,778	260,430,714
15	Bread and other bakery products	2,607	32,252	67,115,919	121,376,693	116,352,428	245,288,370
16	Clothing, men's, factory	577	32,732	62,316,166	131,612,306	106,308,266	238,661,331
17	Machinery, heavy electrical[1]	50	25,296	75,598,912	96,604,451	123,141,325	221,569,105
18	Electrical apparatus and supplies, n.e.s.[1]	141	21,257	60,690,091	100,024,712	119,119,884	221,081,792
19	Machinery, industrial[1]	300	22,326	67,286,913	79,106,152	120,611,361	201,990,057
20	Fruit and vegetable preparations	459	16,401	30,107,576	116,052,675	81,999,840	200,779,150
21	Clothing, women's, factory[1]	912	28,688	56,764,282	102,135,519	95,097,888	197,750,934
22	Sheet metal products	277	17,437	49,037,352	108,335,172	86,629,030	197,114,226
23	Printing and publishing	801	27,300	76,241,565	56,975,903	137,862,920	196,717,896
24	Furniture	1,430	27,274	61,429,275	90,323,522	98,474,043	190,907,429
25	Brass and copper products	153	10,077	29,318,076	121,703,878	56,176,303	179,997,887
26	Sash, door and planing mills	1,698	19,357	40,460,680	109,505,507	66,936,399	178,765,263
27	Foods, stock and poultry, prepared	648	5,505	12,179,857	144,617,180	27,953,403	174,509,795
28	Boxes and bags, paper	187	13,384	32,235,169	102,219,244	68,939,995	172,230,166
29	Agricultural implements	81	17,236	52,217,430	96,469,032	72,719,250	171,172,496
30	Synthetic textiles and silk	46	17,997	44,693,738	66,040,725	96,477,461	166,549,897
31	Castings, iron	205	17,462	52,128,413	75,003,538	86,683,461	165,174,661
32	Fish processing[3]	633	14,911	24,744,189	101,621,086	58,665,035	163,010,208
33	Breweries	63	8,449	27,489,309	45,905,901	112,741,266	161,159,033
34	Printing and bookbinding	1,623	23,213	57,218,345	55,113,171	93,607,704	150,031,501
35	Sugar refining	12	3,562	10,272,939	107,540,497	28,728,247	139,109,277
36	Miscellaneous paper goods	208	9,881	24,902,102	78,430,923	58,302,757	137,835,320
37	Miscellaneous chemical products, n.e.s.	219	9,737	26,971,513	61,653,707	62,937,026	131,543,294
38	Footwear, leather	290	19,999	35,847,436	67,338,736	52,010,174	119,905,782
39	Acids alkalies and salts	29	7,371	24,579,398	39,238,794	67,456,301	117,822,758
40	Aircraft and parts	23	19,198	59,558,317	36,291,613	79,403,570	117,188,078
	Total, leading industries[4]	**24,477**	**846,470**	**2,254,947,856**	**6,916,169,949**	**4,806,487,906**	**12,011,278,682**
	Total, all industries[4]	**37,021**	**1,258,375**	**3,276,280,917**	**9,074,526,353**	**6,940,946,783**	**16,392,187,132**
	Percentage of leading industries to all industries	66.1	67.3	68.8	76.2	69.2	73.3

1. Not comparable with years prior to 1949.
2. Not comparable with previous years.
3. Newfoundland included therefore not comparable with previous years.
4. Includes fish processing in Newfoundland.

TABLE 21. Principal Statistics of the Forty Leading Industries of Canada, Ranked According to Selling Value of Factory Shipments, 1952

No.	Industry	Establishments	Employees	Earnings	Cost of materials	Value added by manufacture	Selling value of factory shipments
		No.	No.	$	$	$	$
1	Pulp and paper	128	57,803	225,353,327	497,046,828	584,101,072	1,157,887,657
2	Slaughtering and meat-packing	154	22,864	71,378,013	700,369,951	158,761,279	863,776,155
3	Non-ferrous metal smelting and refining	17	24,608	87,964,295	519,781,231	266,721,382	837,074,065
4	Motor vehicles	19	31,102	113,607,071	497,474,097	267,099,575	767,354,984
5	Petroleum products	55	11,661	46,145,422	453,954,688	178,523,582	660,356,584
6	Sawmills	8,283	60,931	135,540,707	299,506,832	261,325,619	568,023,148
7	Primary iron and steel	58	35,001	124,387,290	239,001,158	233,577,318	504,000,394
8	Butter and cheese	1,602	20,435	48,826,388	281,366,628	90,409,864	378,794,866
9	Railway rolling stock	36	36,084	108,318,766	181,620,234	145,760,789	332,164,783
10	Rubber goods, including footwear	70	21,582	65,477,683	120,799,295	162,493,060	286,654,629
11	Clothing, men's, factory	587	35,583	70,782,226	151,357,963	125,282,646	277,426,014
12	Motor vehicle parts	172	21,791	72,607,789	145,666,823	127,222,358	276,785,167
13	Flour mills	99	4,961	14,688,635	236,194,234	36,360,848	274,208,040
14	Miscellaneous food preparations	325	9,563	23,203,080	190,029,289	73,007,555	266,030,492
15	Bread and other bakery products	2,585	33,011	74,244,786	122,229,789	129,740,849	260,181,410
16	Aircraft and parts	38	33,356	108,667,004	115,286,096	127,296,867	244,607,320
17	Machinery, heavy electrical	52	25,796	86,853,545	90,300,105	144,997,030	237,312,982
18	Machinery, industrial	317	22,497	73,820,422	81,396,443	143,291,450	227,025,874
19	Cotton yarn and cloth	57	22,969	53,705,770	143,584,722	78,954,978	226,492,425
20	Miscellaneous electrical apparatus and supplies	146	21,404	66,260,192	94,322,365	122,226,955	218,640,810
21	Printing and publishing	805	27,873	84,912,779	61,789,469	154,760,420	218,523,462
22	Clothing, women's, factory	853	28,433	60,193,172	113,479,386	103,426,871	217,441,071
23	Sheet metal products	304	17,341	52,568,840	115,072,180	96,233,575	213,585,114
24	Fruit and vegetable preparations	462	16,020	31,992,856	120,602,514	88,490,233	211,787,559
25	Agricultural implements	85	18,046	62,423,716	109,827,515	93,778,210	205,775,487
26	Furniture	1,557	27,188	65,889,501	96,063,263	106,056,991	204,265,922
27	Sash, door and planing mills	1,728	19,525	43,986,907	116,980,088	71,918,158	191,451,085
28	Brass and copper products	153	9,711	31,034,274	121,374,319	61,126,829	184,671,951
29	Feeds, stock and poultry, prepared	671	5,938	13,392,352	148,801,788	29,967,343	181,080,732
30	Breweries	61	8,163	30,143,552	49,713,488	126,465,413	178,768,806
31	Boxes and bags, paper	185	13,074	34,440,614	102,604,735	68,378,996	172,150,881
32	Castings, iron	203	15,937	51,142,241	78,461,149	89,181,703	170,968,719
33	Printing and bookbinding	1,669	22,898	61,776,455	56,570,169	102,375,524	160,278,195
34	Shipbuilding	74	20,676	61,700,312	60,247,318	96,737,673	159,057,949
35	Synthetic textiles and silk	48	15,723	42,708,505	63,780,047	90,004,216	157,628,515
36	Miscellaneous chemical products	239	11,397	33,694,741	64,886,257	72,735,923	143,546,514
37	Bridge building and structural steel	38	10,824	37,418,880	62,135,893	76,308,313	139,716,836
38	Tobacco, cigars and cigarettes	47	7,587	22,036,719	73,168,064	64,864,521	138,423,959
39	Miscellaneous paper goods, n.e.s.	204	9,794	26,152,565	75,204,453	61,916,359	138,296,515
40	Fish processing	635	14,354	24,426,351	86,457,993	45,734,589	134,725,304
	Total, leading industries	**24,821**	**873,504**	**2,543,867,743**	**6,938,508,859**	**5,157,616,936**	**12,386,942,375**
	Total, all industries	**37,929**	**1,288,382**	**3,637,620,160**	**9,146,172,494**	**7,443,533,199**	**16,982,687,035**
	Percentage of leading industries to all industries	65.4	67.8	69.9	75.9	69.3	72.9

Section 4. Principal Factors in Manufacturing Production

The subjects treated under this Section include capital, employment, salaries and wages, size of establishments and power and fuel used in manufacturing.

Subsection 1. Capital Employed

Prior to 1944 the following information on capital investment was collected: Fixed Capital — Land, buildings, fixtures, machinery, tools and other equipment. Working Capital — (1) Inventory value of raw materials, stocks in process, fuel and miscellaneous supplies on hand; (2) Inventory value of finished products; (3) Cash, bills and accounts receivable, prepaid expenses, etc.

This was replaced by the collection of expenditure statistics on fixed capital, repairs and maintenance. Although it is now impossible to calculate the total investment in both the fixed and current assets in manufacturing, it is still possible to calculate the investment in fixed assets. By starting with the total investment in 1943 and adding the expenditures to date and then deducting the effective rate of depreciation as given in the annual report on Taxation Statistics, issued by the Department of National Revenue, an estimate of the investment in fixed assets is thus obtained.

The remarkable increase in capital employed in Canadian manufactures from the beginning of the twentieth century has, of course, run parallel with the rapid growth in industrial operations. From 1900 to 1905 the capital increased from $446,900,000 to $833,900,000, and advanced to $1,958,700,000 in 1915. During this period returns were received from establishments with 5 hands or over, and, while the rise in wholesale prices did not exceed 37 p.c., the capital employed in manufactures increased nearly 340 p.c.

The capital investment in 1943 in all establishments, irrespective of the number of employees, but exclusive of central electric stations, was $6,317,000,000 as compared with $2,234,000,000 in 1917, an increase of 171 p. c., while wholesale prices declined about 13 p. c. in the same period.

Estimated Investment in Fixed Capital (Land, Buildings and Equipment), 1939-52

Year	Additions[2]	Cumulative total at end of year	Effective rate of depreciation[1]	Amount of depreciation	Cumulative depreciation	Balance at end of year	Average investment per employee
	$'000,000	$'000,000	p.c.	$'000,000	$'000,000	$'000,000	$
1939	—	—	—	—	—	2,168.9	3,296
1943	—	—	—	—	—	3,002.9	2,420
1944	211.4	3,214.3	5.6	180.0	180.0	3,034.3	2,481
1945	280.1	3,494.4	3.6	125.8	305.8	3,188.6	2,849
1946	337.2	3,831.6	3.5	134.1	439.9	3,391.7	3,205
1947	527.9	4,359.5	4.5	196.2	636.1	3,723.4	3,290
1948	579.0	4,938.5	5.0	246.9	883.0	4,055.5	3,509
1949	535.8	5,474.3	6.0	328.5	1,211.5	4,262.8	3,640
1950	502.5	5,976.8	6.2	370.6	1,582.1	4,394.7	3,714
1951	792.6	6,769.4	6.3	426.5	2,008.6	4,760.8	3,783
1952	972.6	7,742.0	6.2	480.0	2,488.6	5,253.4	4,077

1. Taken from the annual report on Taxation Statistics, issued by the Department of National Revenue.
2. Does not include the value of land.

Between 1939 and 1943 there was a drop of $876 in the value of fixed assets per employee. This decline was due to two factors: (1) a decline in the replacement and additions to buildings and equipment, resulting from the restrictions made necessary by the war effort; and (2) an increase in the number of shifts worked which increased the number of employees without a corresponding increase in equipment. After the end of the war investment in fixed assets became increasingly rapid. Old plants were modernized and new plants built to take care of the expanded home market resulting from an increased population and higher purchasing power. The net result in this development was an increase of $781 in the value of buildings and equipment per employee between 1939 and 1952.

Capital expenditures by manufactures in 1952 totalled $343,600,000 for construction and $629,000,000 for machinery and equipment, while $458,700,000 went for repairs and maintenance. Of the total capital expenditures, amounting to $972,600,000 in 1952, 16.0 p.c. was reported by the chemicals and allied products group, 15.4 p.c. by the iron and steel group, 14.7 p.c. by the paper products, 8.8 p.c. by products of petroleum and coal, 8.8 p.c. by foods and beverages, 8.0 p.c. by non-ferrous metal products, 7.0 p.c. by transportation equipment, etc.

Not all groups reported increases in capital expenditures in 1952. Of the groups reporting increases, chemicals and allied products headed the list with $83,300,000, followed by iron and steel products with $38,700,000, non-ferrous metal products $22,300,000, products of petroleum and coal $18,500,000, transportation equipment $13,200,000, etc. Six groups reported lower capital expenditures. The printing, publishing and allied industries group reported the largest decline of $10,000,000, followed by textiles with $7,600,000, wood products $6,800,000, foods and beverages $1,800,000 and the leather and clothing groups each with $500,000.

The total increase in capital expenditures in 1952 amounted to $180,000,000 as compared with an increase of $290,000,000 the year before.

TABLE 22. Capital, Repair and Maintenance Expenditures by the Manufacturing Industries, by Provinces and Industrial Groups, 1952, with Totals for 1944-51

Group and year	Capital expenditures			Repairs and maintenance expenditures		
	Construction	Machinery and equipment	Total	Construction	Machinery and equipment	Total
	$'000,000					
1944	61.3	150.1	211.4	60.7	173.5	234.2
1945	75.9	204.2	280.1	63.1	170.6	233.7
1946	132.2	205.0	337.2	56.8	164.3	221.1
1947	184.7	343.2	527.9	62.4	210.7	273.1
1948	184.8	394.2	579.0	78.9	253.9	332.8
1949	156.6	379.2	535.8	66.7	267.2	333.9
1950	135.4	367.1	502.5	67.6	279.0	346.6
1951	267.6	525.0	792.6	85.0	337.0	422.0
Provinces, 1952						
Newfoundland	5.4	9.7	15.1	0.9	8.5	9.4
Prince Edward Island	0.4	0.6	1.0	0.2	0.2	0.4
Nova Scotia	6.7	10.2	16.9	7.0	8.1	15.1
New Brunswick	3.1	10.6	13.7	1.1	8.5	9.6
Quebec	66.0	164.9	230.9	25.5	103.9	129.4
Ontario	158.3	318.9	477.2	43.6	179.5	223.1
Manitoba	3.1	8.7	11.8	3.4	9.4	12.8
Saskatchewan	3.5	6.2	9.7	1.4	2.8	4.2
Alberta	43.4	31.8	75.2	4.1	7.1	11.2
British Columbia	53.7	67.4	121.1	8.0	35.5	43.5
Totals, 1952	**343.6**	**629.0**	**972.6**	**95.2**	**363.5**	**458.7**
Industrial groups, 1952						
Foods and beverages	26.6	50.7	77.3	12.5	36.0	48.5
Tobacco and tobacco products	0.5	1.8	2.3	0.5	1.3	1.8
Rubber products	2.7	7.3	10.0	0.9	6.0	6.9
Leather products	0.6	1.7	2.3	0.6	2.0	2.6
Textile products (except clothing)	7.0	24.5	31.5	3.8	15.6	19.4
Clothing (textile and fur)	1.6	11.1	12.7	1.3	4.4	5.7
Wood products	9.3	22.5	31.8	6.1	23.5	29.6
Paper products	33.6	95.9	129.5	8.3	72.9	81.2
Printing, publishing and allied trades	3.3	11.0	14.3	1.5	4.1	5.6
Iron and steel products	46.2	89.7	135.9	16.1	64.8	80.9
Transportation equipment	37.1	25.0	62.1	11.6	31.1	42.7
Non-ferrous metal products	35.1	35.6	70.7	8.5	34.2	42.7
Electrical apparatus and supplies	21.8	18.6	40.4	2.8	11.7	14.5
Non-metallic mineral products	11.2	23.1	34.3	3.9	16.6	20.5
Products of petroleum and coal	41.1	36.4	77.5	11.2	9.5	20.7
Chemical products	61.2	79.8	141.0	4.5	26.6	31.1
Miscellaneous industries	4.7	4.1	8.8	1.1	3.2	4.3
Capital items charged to operating expense	—	90.2	90.2	—	—	—

TABLE 23. Capital, Repair and Maintenance Expenditures by the Manufacturing Industries, by Industrial Groups, 1944-52

Group and year	Capital expenditures			Repairs and maintenance expenditures		
	Construction	Machinery and equipment	Total	Construction	Machinery and equipment	Total
	$'000,000					
Foods and beverages:						
1944	10.7	11.4	22.1	8.5	21.2	29.7
1945	18.2	16.2	34.4	11.6	19.8	31.4
1946	24.7	28.4	53.1	12.3	20.5	32.8
1947	33.0	49.8	82.8	10.8	25.7	36.5
1948	31.9	56.5	88.4	13.2	28.6	41.8
1949	27.7	60.8	88.5	10.4	30.7	41.1
1950	26.0	49.2	75.2	10.0	31.6	41.6
1951	28.0	51.1	79.1	11.8	34.3	46.1
1952	26.6	50.7	77.3	12.5	36.0	48.5
Tobacco and tobacco products:						
1944[1]	—	—	—	—	—	—
1945[1]	—	—	—	—	—	—
1946	1.2	0.9	2.1	0.5	0.6	1.1
1947	1.0	2.1	3.1	0.5	1.0	1.5
1948	0.8	1.9	2.7	0.5	1.3	1.8
1949	0.3	2.0	2.3	0.4	1.3	1.7
1950	1.0	1.6	2.6	0.4	1.3	1.7
1951	0.5	1.7	2.2	0.4	1.3	1.7
1952	0.5	1.8	2.3	0.5	1.3	1.8

1. Figures not compiled separately; they are, however, included in the total.

TABLE 23. Capital, Repair and Maintenance Expenditures by the Manufacturing Industries, by Industrial Groups, 1944-52 — Continued

Group and year	Capital expenditures			Repairs and maintenance expenditures		
	Construction	Machinery and equipment	Total	Construction	Machinery and equipment	Total
	$'000,000					
Rubber products (including footwear):						
1944[1]	—	—	—	—	—	—
1945[1]	—	—	—	—	—	—
1946	3.9	3.6	7.5	1.1	3.7	4.8
1947	2.4	7.8	10.2	1.3	6.1	7.4
1948	1.5	4.5	6.0	0.9	4.6	5.5
1949	1.7	5.6	7.3	0.6	4.4	5.0
1950	0.6	4.1	4.7	0.7	4.6	5.3
1951	2.0	5.9	7.9	0.9	5.5	6.4
1952	2.7	7.3	10.0	0.9	6.0	6.9
Leather products:						
1944[1]	—	—	—	—	—	—
1945[1]	—	—	—	—	—	—
1946	1.6	1.6	3.2	1.1	2.4	3.5
1947	1.2	2.0	3.2	0.9	2.9	3.8
1948	1.2	2.2	3.4	1.0	2.6	3.6
1949	0.6	2.5	3.1	0.7	2.2	2.9
1950	0.7	1.8	2.5	0.6	2.1	2.7
1951	0.9	1.9	2.8	0.6	2.1	2.7
1952	0.6	1.7	2.3	0.6	2.0	2.6
Textile products (except clothing):						
1944	1.8	4.9	6.7	2.8	7.6	10.4
1945	1.3	7.7	9.0	2.9	8.5	11.4
1946	8.4	16.2	24.6	3.3	10.2	13.5
1947	10.9	25.7	36.6	2.8	12.2	15.0
1948	6.5	29.1	35.6	3.9	14.2	18.1
1949	7.0	29.9	36.9	3.6	14.9	18.5
1950	6.6	20.8	27.4	3.5	15.9	19.4
1951	9.9	29.2	39.1	4.0	16.7	20.7
1952	7.0	24.5	31.5	3.8	15.6	19.4
Clothing (textile and fur):						
1944	2.8	1.1	3.9	3.8	3.3	7.1
1945	9.2	4.4	13.6	2.1	3.1	5.2
1946	2.6	5.8	8.4	2.2	3.8	6.0
1947	3.7	10.3	14.0	1.9	4.7	6.6
1948	2.1	10.2	12.3	2.2	4.8	7.0
1949	3.0	12.7	15.7	1.9	4.9	6.8
1950	2.5	9.4	11.9	1.4	4.6	6.0
1951	4.1	9.1	13.2	1.4	4.7	6.1
1952	1.6	11.1	12.7	1.3	4.4	5.7
Wood products:						
1944	2.9	2.4	5.3	4.6	13.5	18.1
1945	1.6	3.6	5.2	5.3	15.2	20.5
1946	10.9	9.5	20.4	5.7	12.2	17.9
1947	11.4	20.7	32.1	6.5	15.6	22.1
1948	7.9	18.5	26.4	7.1	18.9	26.0
1949	7.5	22.9	30.4	5.7	18.2	23.9
1950	8.1	21.3	29.4	5.4	19.4	24.8
1951	11.2	27.4	38.6	7.7	24.5	32.2
1952	9.3	22.5	31.8	6.1	23.5	29.6
Paper products:						
1944	8.0	6.7	14.7	1.9	32.3	34.2
1945	5.8	10.8	16.6	1.9	34.7	36.6
1946	27.2	27.8	55.0	5.3	28.4	33.7
1947	31.2	49.8	81.0	6.4	37.3	43.7
1948	29.1	60.4	89.5	7.0	47.3	54.3
1949	26.8	65.2	92.0	8.7	51.1	59.8
1950	21.1	57.4	78.5	8.0	51.7	59.7
1951	41.7	83.2	124.9	9.7	69.0	78.7
1952	33.6	95.9	129.5	8.3	72.9	81.2
Printing, publishing and allied trades:						
1944	0.2	2.2	2.4	0.6	3.9	4.5
1945	3.9	2.1	6.0	0.8	5.1	5.9
1946	2.9	4.4	7.3	1.3	2.4	3.7
1947	5.4	8.4	13.8	1.6	3.2	4.8
1948	7.0	12.4	19.4	1.6	3.9	5.5
1949	6.3	16.4	22.7	1.4	3.9	5.3
1950	5.0	14.4	19.4	1.7	4.1	5.8
1951	6.3	18.0	24.3	1.7	4.6	6.3
1952	3.3	11.0	14.3	1.5	4.1	5.6
Iron and steel products:						
1944	10.1	22.2	32.3	6.5	26.2	32.7
1945	12.8	18.5	31.3	7.7	24.6	32.3
1946	14.9	22.0	36.9	8.4	22.8	31.2
1947	16.0	38.9	54.9	10.1	32.4	42.5
1948	19.6	36.7	56.3	12.0	38.4	50.4
1949	14.6	44.9	59.5	12.4	38.9	51.3
1950	13.5	30.7	44.2	12.7	41.7	54.4
1951	47.1	50.1	97.2	13.0	58.9	71.9
1952	46.2	89.7	135.9	16.1	64.8	80.9

1. Figures not compiled separately; they are, however, included in the total.

TABLE 23. Capital, Repair and Maintenance Expenditures by the Manufacturing Industries, by Industrial Groups, 1944-52 — Concluded

Group and year	Capital expenditures			Repairs and maintenance expenditures		
	Construction	Machinery and equipment	Total	Construction	Machinery and equipment	Total
	$'000,000					
Transportation equipment:						
1944	1.6	4.7	6.3	11.0	20.8	31.8
1945	2.2	8.6	10.8	8.1	17.2	25.3
1946	5.4	10.3	15.7	3.7	14.4	18.1
1947	5.2	8.9	14.1	3.1	14.2	17.3
1948	5.4	10.0	15.4	5.3	16.8	22.1
1949	6.7	18.2	24.9	5.3	20.2	25.5
1950	9.9	17.4	27.3	5.7	20.0	25.7
1951	21.8	27.1	48.9	6.9	21.5	28.4
1952	37.1	25.0	62.1	11.6	31.1	42.7
Non-ferrous metal products:						
1944	6.4	2.4	8.8	5.0	15.3	20.3
1945	0.7	3.5	4.2	3.8	12.7	16.5
1946	2.3	5.3	7.6	3.1	12.2	15.3
1947	6.7	9.4	16.1	4.7	16.4	21.1
1948	8.9	16.8	25.7	7.8	25.9	33.7
1949	10.4	22.0	32.4	4.4	22.3	26.7
1950	8.9	13.5	22.4	4.0	24.6	28.6
1951	22.4	26.0	48.4	6.0	30.3	37.2
1952	35.1	35.6	70.7	8.5	34.2	42.7
Electrical apparatus and supplies:						
1944[1]	—	—	—	—	—	—
1945[1]	—	—	—	—	—	—
1946	3.0	8.7	11.7	1.2	5.0	6.2
1947	5.3	9.7	15.0	2.0	7.1	9.1
1948	4.8	11.9	16.7	2.2	8.7	10.9
1949	4.8	14.1	18.9	2.0	9.4	11.4
1950	3.1	10.6	13.7	2.0	10.5	12.5
1951	16.3	15.6	31.9	2.2	11.4	13.6
1952	21.8	18.6	40.4	2.8	11.7	14.5
Non-metallic mineral products:						
1944	1.4	1.2	2.6	0.8	6.5	7.3
1945	3.1	2.1	5.2	0.8	7.0	7.8
1946	3.5	4.2	7.7	1.4	8.4	9.8
1947	11.3	10.6	21.9	1.6	9.9	11.5
1948	11.1	17.0	28.1	2.3	13.3	15.6
1949	6.9	15.2	22.1	1.5	14.3	15.8
1950	4.4	12.0	16.4	1.6	15.7	17.3
1951	11.5	18.9	30.4	4.7	15.6	20.3
1952	11.2	23.1	34.3	3.9	16.6	20.5
Products of petroleum and coal:						
1944[1]	—	—	—	—	—	—
1945[1]	—	—	—	—	—	—
1946	5.2	4.6	9.8	2.4	5.2	7.6
1947	23.3	10.4	33.7	3.4	7.8	11.2
1948	29.3	13.4	42.7	6.6	6.3	12.9
1949	18.1	11.6	29.7	3.0	11.0	14.0
1950	14.3	18.5	32.8	4.8	9.7	14.5
1951	21.7	37.3	59.0	8.3	8.8	17.1
1952	41.1	36.4	77.5	11.2	9.5	20.7
Chemical products:						
1944	1.4	1.6	3.0	3.7	8.1	11.8
1945	4.0	3.6	7.6	4.2	7.2	11.4
1946	11.6	8.0	19.6	2.9	10.3	13.2
1947	14.4	19.3	33.7	4.0	12.5	16.5
1948	15.0	26.9	41.9	4.3	15.8	20.1
1949	11.9	30.9	42.8	3.9	17.3	21.2
1950	7.3	19.0	26.3	4.3	19.1	23.4
1951	19.2	38.5	57.7	4.0	24.8	28.8
1952	61.2	79.8	141.0	4.5	26.6	31.1
Miscellaneous industries:						
1944[2]	1.3	81.4[2]	82.7	1.0	1.9	2.9
1945[2]	1.7	110.7[2]	112.4	1.0	1.9	2.9
1946	2.9	43.7	46.6	0.9	1.8	2.7
1947	2.3	59.4	61.7	0.8	1.7	2.5
1948	2.7	65.8	68.5	1.0	2.5	3.5
1949	2.3	4.3	6.6	0.8	2.2	3.0
1950	2.4	3.6	6.0	0.8	2.4	3.2
1951	3.0	4.4	7.4	0.8	3.0	3.8
1952	4.7	4.1	8.8	1.1	3.2	4.3

1. Figures not compiled separately; they are, however, included in the total.
2. Includes allowance for capital items charged to operating expense of $18,000,000 in 1944 and $23,900,000 in 1945.

Subsection 2. Inventory Holdings

As explained in the section of Capital Employed, the collection of statistics on capital investment by manufacturers was discontinued in 1944. This was replaced by the collection annually of expenditure statistics on fixed capital, repairs and maintenance from all large manufacturers, with estimates being made for the smaller establishments. As a result of this change no information was available on investment in inventory. Before long, however, the need for this information became apparent. Consequently, beginning with 1949, calendar year-end inventory values have been collected from all manufacturing plants with an annual gross value of production of $50,000 or over. These values are inflated to a total by estimating for small firms in each industry on the basis of the gross value-inventory ratio of reporting firms.

In the table below an attempt is made to estimate the investment by manufacturers in inventories and fixed assets. In 1952 such investment totalled $8,580,000,000 of which amount $5,253,000,000 was in fixed assets and $3,327,000,000 in inventory. Total investment in inventory and fixed assets per employee amounted to $6,659 in 1952. This represents an increase of $2,170 or 48 p.c. as compared with 1939.

TABLE 24. Estimated Investment in Inventory and Fixed Assets by the Manufacturing Industries of Canada, 1939-52

Year	Inventory	Average per employee	Land buildings and equipment	Average per employee	Total investment in inventory and fixed assets	Average per employee
	$'000,000	$	$'000,000	$	$'000,000	$
1939	785	1,193	2,169	3,296	2,954	4,489
1940	993	1,303	2,266	2,973	3,259	4,276
1941	1,307	1,360	2,523	2,625	3,830	3,985
1942	1,496	1,299	2,741	2,379	4,237	3,678
1943	1,875	1,511	3,003	2,420	4,878	3,931
1949	2,258	1,928	4,263	3,640	6,521	5,568
1950	2,638	2,229	4,395	3,714	7,033	5,943
1951	3,197	2,541	4,761	3,783	7,958	6,324
1952	3,327	2,582	5,253	4,077	8,580	6,659

Investment in inventory in 1952 totalled $3,700,000,000. Of this amount $1,843,000,000 was in raw materials, $870,000,000 in goods in process and $987,000,000 in finished products. According to table 25 below which gives detailed statistics by industrial groups, foods, beverages and tobacco with $672,000,000 had the highest total inventory investment of any group. Iron and steel products with $616,000,000 came second, followed by transportation equipment with $473,000,000, paper products $294,000,000, electrical apparatus and supplies $255,000,000, etc.

In 1952, of the total inventory holdings 49.8 p.c. were in raw materials, 23.5 p.c. in goods in process and 26.7 p.c. in finished products. The corresponding percentages in 1949 were: 53.4, 15.8 and 30.8. Percentagewise there was thus a drop in the amount of raw materials and finished products, with a corresponding increase in the amount in goods in process.

For the years 1949-52, there is a small incomparability due to the treatment of inventory held on a progress payments basis, i.e. cases where manufacturers operate on long term contracts, for which payments are made as work progresses. In such cases, actual ownership of inventory is less than total holdings. While not a very large item under normal circumstances, this component of inventory increased rapidly during the period under review, due to the impact of the defence program. It falls almost entirely in 9 heavy industries, where long-term contracts are common e.g. shipbuilding, aircraft, the machinery industries, electrical apparatus industries, bridges and structural steel. For the year 1949, such inventory was not collected as a separate item, but it is estimated that total value of progress payments inventory was in the neighbourhood of $75 million for that year. For 1950, firms were asked to report progress payments inventory as a separate item not included in the total. For 1951 and 1952, total inventory values reported included progress payments holdings, but the latter were also given as a separate item. It is somewhat difficult to make these data comparable, except in total, since the component to which the progress payments holdings should be applied is not known. In general, it is goods-in-process inventory, but in some cases it may be raw materials.

In order to make the 1950, 1951, and 1952 data comparable in the table shown below, one third of the reported 1950 progress payments holdings have been added to raw materials and two thirds to goods in process inventory.

The inventory values shown below include only holdings in connection with manufacturing operations. Inventories of goods purchased for re-sale, and inventories held at Sales Branches, Wholesale Outlets and Retail Stores, (i.e. held in the manufacturers' capacity as a trader) have been eliminated as far as possible.

During the four-year period for which data are shown below, value of both total inventory investment and total inventory holdings rose steadily. A substantial portion of this value increase was due to increases in wages and in prices of raw materials, but to some extent the increase reflected increased volume of inventory due to an enlargement of the scale of operations. Ratios of year-end inventory investment to the annual gross value of production increased slowly but steadily during the period, reflecting the fact that larger percentage increases were occurring in inventories than in gross values. Assuming that $75 million of 1949's total holdings represented progress payments inventory, the 1949 ratio was .18 and in 1952 it was almost .20.

TABLE 25. Estimated Total Inventory Holdings of Manufacturers, by Industrial Groups, 1952, with Totals for 1949-52
(Million dollars)

Year and industrial group	Total inventory investment	Progress payments holdings	Total inventory held	Raw materials	Goods in process	Finished products
1949	N.A.	N.A.	2,333	1,245	369	719
1950	2,638	145	2,783	1,496	569	718
1951	3,197	188	3,385	1,815	569	1,001
1952	3,327	373	3,700	1,843	870	987
Industrial Group, 1952						
Foods, beverages and tobacco	672	–	672	296	110	266
Rubber products	57	–	57	17	7	33
Leather products	52	–	52	25	13	14
Textile products (except clothing)	191	–	191	86	46	59
Clothing (textile and fur)	178	–	178	100	28	50
Wood products	228	–	228	129	27	72
Paper products	294	–	294	246	12	36
Printing, publishing and allied trades	40	–	40	25	9	6
Iron and steel products	517	99	616	273	220	123
Transportation equipment	270	203	473	199	226	48
Non-ferrous metal products	204	1	205	123	38	44
Electrical apparatus and supplies	185	70	255	101	86	68
Non-metallic mineral products	58	–	58	35	5	18
Products of petroleum and coal	168	–	168	74	14	80
Chemicals and allied products	160	–	160	85	20	55
Miscellaneous industries	53	–	53	29	9	15

Subsection 3. Employment in Manufacturing Industries

Monthly Record of Employment. Ordinarily, manufacturing employment in Canada reaches its highest point during the summer months. Some of the seasonal industries, such as canning, are most active then, textile industries are preparing winter goods, and industry generally feels the active demand of the agricultural purchasing power resulting from the prospect of the season's harvest.

After the setback of 1929, employment in 1930, 1931, 1932 and the first half of 1933 declined steadily, the monthly employment figures in each case being lower than the corresponding month of the previous year. The peak of employment in June, 1929, when 575,693 production workers were on the payrolls, was surpassed in September, 1937, with 582,305 production workers. After the outbreak of war the improvement in employment became increasingly rapid. A record high was reached in August, 1943, when 1,067,890 production workers were employed, an increase of 96.4 p.c. over the same month in 1939. The highest employment during 1944 occurred in June when 1,049,557 production workers were employed. From then on employment declined steadily to the end of 1945 when 819,619 production workers were reported. At the end of 1951 there were 953,952 production workers employed, compared with an employment of 961,820 production workers in December, 1944, and 1,021,630 in December, 1943.

TABLE 26. Production Workers Employed in the Manufacturing Industries, by Months and Sex, Significant Years, 1922-52

Month	1922	1929	1933	1939	1943	1949	1951	1952
	All wage-earners							
January	324,257	502,644	340,027	490,337	1,023,261	928,077	972,027	967,292
February	336,729	519,423	347,777	496,160	1,030,878	932,356	985,723	980,127
March	349,110	536,866	355,888	503,475	1,036,648	937,714	1,002,314	991,361
April	360,248	555,711	358,759	509,739	1,033,748	944,307	1,011,862	996,207
May	382,504	574,905	377,659	530,864	983,058	961,137	1,032,381	1,021,676
June	393,935	575,693	392,196	531,245	1,058,645	973,324	1,047,550	1,036,020
July	391,186	573,554	393,464	529,575	1,056,975	964,813	1,044,626	1,045,599
August	389,511	567,022	402,249	543,605	1,067,890	975,114	1,036,207	1,068,927
September	392,423	564,796	410,954	562,355	1,066,595	970,324	1,033,835	1,073,349
October	385,262	553,338	405,757	568,564	1,053,486	951,017	1,009,293	1,057,141
November	378,992	527,213	396,384	563,117	1,049,738	934,576	988,993	1,045,315
December	367,724	499,893	380,612	544,817	1,021,630	906,851	953,952	1,018,764
	Male							
January	243,682	397,459	257,445	381,997	751,269	716,005	755,384	768,541
February	253,178	410,865	260,728	385,955	755,181	719,374	765,244	776,512
March	263,849	426,713	267,259	391,623	757,702	725,953	779,730	786,795
April	274,821	443,560	271,348	398,982	755,888	732,906	790,824	792,694
May	294,095	459,783	285,705	416,963	764,158	747,614	810,805	815,373
June	304,395	460,294	296,937	417,975	776,003	757,575	826,163	825,509
July	304,020	459,051	300,329	417,987	779,687	750,579	825,116	830,688
August	301,234	449,721	302,969	421,895	777,733	747,518	811,212	839,103
September	298,918	441,510	304,908	431,509	767,043	739,768	805,928	836,483
October	291,973	432,576	301,315	437,220	754,484	725,853	792,368	825,971
November	286,511	412,114	294,945	432,920	753,211	715,188	779,262	818,024
December	277,854	391,903	285,690	422,538	738,073	700,141	760,289	804,069
	Female							
January	80,575	105,185	82,582	108,340	271,992	212,072	216,643	198,751
February	83,551	108,558	87,049	110,205	275,697	212,982	220,479	203,615
March	85,261	110,153	88,629	111,852	278,946	211,761	222,584	204,566
April	85,427	112,142	87,411	110,757	277,860	211,401	221,038	203,513
May	88,409	115,122	91,954	113,901	218,900	213,523	221,576	206,303
June	89,540	115,399	95,259	113,270	282,642	215,749	221,387	210,511
July	87,166	114,503	93,135	111,588	277,288	214,234	219,510	214,911
August	88,277	117,301	99,280	121,710	290,157	227,596	224,995	229,824
September	93,505	123,286	106,046	130,846	299,552	230,556	227,907	236,866
October	93,289	120,762	104,442	131,344	209,002	225,164	216,925	231,170
November	92,481	115,099	101,439	130,197	296,527	219,388	209,731	227,291
December	89,870	107,990	94,922	122,279	283,557	206,710	193,663	214,695

TABLE 27. Production Workers Employed in the Manufacturing Industries, by Months, Sex and Provinces, 1951 and 1952

Province and month	1952			1951		
	Male	Female	Total	Male	Female	Total
	Number					
Newfoundland:						
January	6,093	838	6,931	5,565	985	6,550
February	6,273	868	7,141	5,698	1,079	6,777
March	6,548	884	7,432	5,878	1,088	6,966
April	6,977	905	7,882	6,517	1,094	7,611
May	7,379	960	8,339	6,757	1,115	7,872
June	7,607	1,094	8,701	7,368	1,230	8,598
July	7,718	1,235	8,953	7,280	1,274	8,554
August	7,529	1,233	8,762	7,294	1,288	8,582
September	7,464	1,197	8,661	7,128	1,227	8,355
October	7,023	1,149	8,172	6,846	1,236	8,082
November	6,717	982	7,699	6,409	1,122	7,531
December	6,352	830	7,182	6,101	886	6,987
Prince Edward Island:						
January	649	184	833	610	152	762
February	671	135	806	622	199	821
March	678	151	829	677	169	846
April	846	120	966	951	205	1,156
May	1,277	705	1,982	1,380	807	2,187
June	1,283	672	1,955	1,271	746	2,017
July	1,201	767	1,968	980	484	1,464
August	1,202	628	1,830	1,037	525	1,562
September	1,114	511	1,625	937	379	1,316
October	986	349	1,335	876	339	1,215
November	890	295	1,185	802	251	1,053
December	817	216	1,033	743	244	987

TABLE 27. Production Workers Employed in the Manufacturing Industries, by Months, Sex and Provinces, 1951 and 1952 — Continued

Province and Month	1952			1951		
	Male	Female	Total	Male	Female	Total
	Number					
Nova Scotia:						
January	22,199	3,164	25,363	19,639	3,093	22,732
February	22,540	3,233	25,773	20,072	2,953	23,025
March	23,176	3,227	26,403	21,067	2,739	23,806
April	24,777	3,454	28,231	21,831	2,891	24,722
May	26,248	4,125	30,373	23,806	3,574	27,380
June	26,826	4,169	30,995	24,635	3,863	28,498
July	26,876	4,107	30,983	24,736	3,723	28,459
August	26,391	4,154	30,545	24,076	3,784	27,860
September	25,702	4,021	29,723	23,057	3,611	26,668
October	25,175	4,106	29,281	22,856	3,689	26,545
November	24,205	3,804	28,009	22,283	3,679	25,962
December	23,282	3,380	26,662	21,586	3,181	24,767
New Brunswick:						
January	15,566	3,072	18,638	15,738	2,821	18,559
February	15,800	3,029	18,829	15,887	2,708	18,595
March	16,138	3,135	19,273	16,609	3,055	19,664
April	16,460	2,969	19,429	16,865	2,935	19,800
May	17,910	3,625	21,535	18,448	3,981	22,429
June	18,804	3,990	22,794	19,191	4,380	23,571
July	18,513	3,788	22,301	18,869	4,118	22,987
August	18,808	4,260	23,068	18,937	4,664	23,601
September	17,938	4,055	21,993	18,105	4,283	22,388
October	17,419	3,599	21,018	17,477	4,022	21,499
November	16,294	3,262	19,556	16,354	3,687	20,041
December	15,462	2,773	18,235	15,448	3,114	18,562
Quebec:						
January	241,159	88,270	329,429	229,243	93,726	322,969
February	242,721	90,829	333,550	232,587	95,830	328,417
March	245,130	91,612	336,742	237,080	96,670	333,750
April	246,359	89,934	336,293	244,067	96,089	340,156
May	253,931	89,658	343,589	253,122	94,357	347,479
June	257,378	88,457	345,835	257,349	91,501	348,850
July	262,101	91,544	353,645	256,553	89,740	346,293
August	262,893	96,073	358,966	255,947	92,246	348,193
September	262,694	99,403	362,097	251,107	92,932	344,039
October	259,186	98,498	357,684	245,991	90,653	337,644
November	256,957	97,588	354,545	243,101	88,529	331,630
December	252,149	93,128	345,277	237,571	83,705	321,276
Ontario:						
January	365,547	85,262	450,809	369,571	97,232	466,803
February	369,255	86,887	456,142	373,578	98,681	472,259
March	372,873	86,592	459,465	378,926	99,592	478,518
April	377,731	86,709	464,440	382,750	98,330	481,080
May	385,985	87,257	473,242	386,651	97,742	484,393
June	391,513	90,429	481,942	391,935	98,058	489,993
July	393,195	90,238	483,433	390,616	96,807	487,423
August	394,309	99,426	493,735	379,286	98,740	478,026
September	395,942	104,540	500,482	382,902	102,443	485,345
October	390,942	101,027	491,969	375,134	95,423	470,557
November	388,734	100,521	489,255	369,881	92,390	462,271
December	385,041	95,463	480,504	361,196	84,798	445,994
Manitoba:						
January	26,147	7,314	33,461	25,119	7,609	32,728
February	26,187	7,461	33,648	25,293	7,612	32,905
March	26,731	7,663	34,394	25,457	7,585	33,042
April	26,855	7,686	34,541	25,641	7,605	33,246
May	27,356	7,862	35,218	26,132	7,625	33,757
June	27,670	8,033	35,703	26,587	7,650	34,237
July	28,032	8,185	36,217	26,733	8,004	34,737
August	27,901	8,357	36,258	26,465	7,870	34,335
September	28,096	8,407	36,503	26,398	7,888	34,286
October	28,121	8,446	36,567	26,162	7,761	33,923
November	28,050	8,226	36,276	26,026	7,724	33,750
December	27,411	7,597	35,008	25,604	7,045	32,649
Saskatchewan:						
January	6,776	892	7,668	6,901	854	7,755
February	6,926	909	7,835	7,202	876	8,078
March	7,019	916	7,935	7,371	882	8,253
April	6,933	979	7,912	7,255	925	8,180
May	7,119	1,063	8,182	7,278	1,021	8,299
June	7,297	1,118	8,415	7,413	1,079	8,492
July	7,466	1,092	8,558	7,528	1,072	8,600
August	7,423	1,096	8,519	7,289	1,038	8,327
September	7,152	1,057	8,209	6,911	984	7,895
October	7,279	1,031	8,310	6,999	986	7,985
November	7,320	1,034	8,354	7,017	990	8,007
December	7,125	990	8,115	6,989	939	7,928

TABLE 27. Production Workers Employed in the Manufacturing Industries, by Months, Sex and Provinces, 1951 and 1952 — Concluded

Province and Month	1952			1951		
	Male	Female	Total	Male	Female	Total
	Number					
Alberta:						
January	21,674	2,899	24,573	20,501	2,817	23,318
February	22,216	3,056	25,272	20,692	2,813	23,505
March	22,246	3,046	25,292	20,848	2,908	23,756
April	19,286	3,072	22,358	17,989	2,956	20,945
May	19,857	3,318	23,175	18,270	3,000	21,270
June	20,790	3,475	24,265	18,786	3,204	21,990
July	21,450	3,761	25,211	19,333	3,331	22,664
August	21,350	3,836	25,186	19,192	3,453	22,645
September	20,945	3,645	24,590	18,686	3,275	21,961
October	21,319	3,595	24,914	19,570	3,110	22,680
November	22,755	3,509	26,264	20,562	3,135	23,697
December	23,264	3,374	26,638	21,080	3,045	24,125
British Columbia:						
January	62,670	6,852	69,522	62,437	7,344	69,781
February	63,843	7,198	71,041	63,535	7,714	71,249
March	66,170	7,328	73,498	65,714	7,882	73,596
April	66,381	7,672	74,053	66,842	7,994	74,836
May	68,194	7,716	75,910	68,846	8,341	77,187
June	66,191	9,060	75,251	71,502	9,662	81,164
July	63,974	10,179	74,153	72,353	10,941	83,294
August	71,150	10,743	81,893	71,554	11,371	82,925
September	69,282	10,016	79,298	70,571	10,871	81,442
October	68,407	9,358	77,765	69,364	9,691	79,055
November	66,016	8,059	74,075	66,756	8,215	74,971
December	63,098	6,939	70,037	63,900	6,698	70,598
Yukon and Northwest Territories:						
January	61	4	65	60	10	70
February	80	10	90	78	14	92
March	86	12	98	103	14	117
April	89	13	102	116	14	130
May	117	14	131	115	13	128
June	150	14	164	126	14	140
July	162	15	177	135	16	151
August	147	18	165	135	16	151
September	154	14	168	126	14	140
October	114	12	126	93	15	108
November	86	11	97	71	9	80
December	68	5	73	71	8	79

TABLE 28. Production Workers Employed in the Manufacturing Industries, by Months, Sex and Industrial groups, 1951 and 1952

Group and Month	1952			1951		
	Male	Female	Total	Male	Female	Total
	Number					
Foods and beverages:						
January	94,755	28,607	123,362	93,426	27,429	120,855
February	93,756	28,773	122,529	92,306	27,963	120,269
March	94,580	28,769	123,349	92,970	28,085	121,055
April	98,032	29,733	127,765	96,611	27,977	124,588
May	104,752	33,136	137,888	102,653	32,455	135,108
June	110,602	37,299	147,901	109,587	37,373	146,960
July	115,617	40,456	156,073	114,645	40,457	155,102
August	115,994	47,928	163,922	112,931	45,227	158,158
September	114,944	48,880	163,824	113,120	48,538	161,658
October	109,230	40,349	149,579	106,968	40,305	147,273
November	104,815	35,460	140,275	102,614	36,260	138,874
December	98,814	30,236	129,050	96,737	28,700	125,437
Tobacco and tobacco products:						
January	4,080	5,415	9,495	4,246	6,011	10,257
February	3,943	5,162	9,105	4,270	5,995	10,265
March	3,075	4,568	7,643	3,334	5,416	8,750
April	2,677	4,039	6,716	2,879	4,678	7,557
May	2,674	4,437	7,111	2,848	4,701	7,549
June	2,747	4,716	7,463	2,879	4,618	7,497
July	2,777	4,728	7,505	2,876	4,629	7,505
August	2,740	4,659	7,399	2,882	4,605	7,487
September	2,805	4,351	7,156	2,951	4,600	7,551
October	2,728	4,335	7,063	2,890	4,587	7,477
November	3,287	5,190	8,477	3,762	5,221	8,983
December	3,776	5,432	9,208	3,932	5,284	9,216

TABLE 28. Production Workers Employed in the Manufacturing Industries, by Months, Sex and Industrial Groups, 1951 and 1952 — Continued

Group and Month	1952			1951		
	Male	Female	Total	Male	Female	Total
	Number					
Rubber products:						
January	12,282	3,615	15,897	13,755	4,492	18,247
February	12,356	3,683	16,039	14,033	4,673	18,706
March	12,419	3,644	16,063	14,136	4,546	18,682
April	12,496	3,679	16,175	14,261	4,407	18,668
May	12,563	3,665	16,228	14,322	4,343	18,665
June	11,455	3,576	15,031	14,135	4,130	18,265
July	11,650	3,774	15,424	14,067	4,224	18,291
August	11,797	4,131	15,928	13,718	4,197	17,915
September	11,924	4,247	16,171	13,149	4,067	17,216
October	13,282	4,511	17,793	12,711	3,864	16,575
November	13,073	4,219	17,292	12,409	3,640	16,049
December	12,957	4,051	17,008	12,313	3,580	15,893
Leather products:						
January	14,840	10,922	25,762	17,431	12,026	29,457
February	15,352	11,454	26,806	17,656	12,453	30,109
March	15,557	11,758	27,315	17,704	12,501	30,205
April	15,435	11,654	27,089	17,240	12,114	29,354
May	15,440	11,577	27,017	16,382	11,429	27,811
June	15,585	11,525	27,110	15,698	11,214	26,912
July	15,766	11,810	27,576	15,353	11,147	26,500
August	16,223	12,386	28,609	15,462	11,296	26,758
September	16,455	12,636	29,091	15,217	11,098	26,315
October	16,483	12,590	29,073	14,920	10,634	25,554
November	16,703	12,744	29,447	14,962	10,566	25,528
December	16,294	12,334	28,628	14,632	10,123	24,755
Textile products (except clothing):						
January	39,602	22,725	62,327	46,021	27,886	73,907
February	39,830	22,830	62,660	46,215	28,106	74,321
March	38,975	22,805	61,780	46,889	28,177	75,066
April	35,579	20,561	56,140	46,740	28,062	74,802
May	35,514	20,369	55,883	46,210	27,759	73,969
June	35,213	20,399	55,612	45,153	26,710	71,863
July	38,369	22,275	60,644	43,826	25,487	69,313
August	38,814	22,883	61,697	43,593	25,202	68,795
September	39,897	23,740	63,637	42,702	24,836	67,538
October	40,374	24,032	64,406	42,097	24,687	66,784
November	40,519	24,472	64,991	41,788	24,097	65,885
December	40,483	23,956	64,439	40,613	23,206	63,819
Clothing (textile and fur):						
January	29,999	65,906	95,905	31,583	70,893	102,476
February	31,136	69,125	100,261	32,393	72,494	104,887
March	31,255	70,501	101,756	32,629	73,858	106,487
April	31,016	70,951	101,967	32,126	73,713	105,839
May	30,405	69,793	100,198	31,206	71,397	102,603
June	30,412	68,424	98,836	30,657	68,206	98,863
July	30,812	67,253	98,065	30,633	65,674	96,307
August	31,713	71,255	102,968	30,746	67,550	98,296
September	32,208	74,185	106,393	30,389	67,836	98,225
October	32,277	75,167	107,444	30,035	66,926	96,961
November	31,708	74,451	106,159	29,519	65,743	95,262
December	30,992	70,212	101,204	28,685	61,498	90,183
Wood products:						
January	90,187	4,779	94,966	94,457	5,135	99,592
February	93,460	4,945	98,425	97,392	5,179	102,571
March	98,937	5,037	103,974	103,072	5,223	108,295
April	99,665	4,944	104,609	105,943	5,155	111,098
May	109,324	5,234	114,558	115,183	5,207	120,390
June	109,857	5,401	115,258	119,088	5,237	124,325
July	105,145	5,316	110,461	114,706	5,196	119,902
August	110,355	5,416	115,771	108,873	5,090	113,963
September	103,546	5,483	112,029	103,083	5,018	108,101
October	102,326	5,400	107,726	97,780	4,902	102,682
November	96,730	5,346	102,076	91,622	4,825	96,447
December	93,347	5,165	98,512	87,171	4,610	91,781
Paper products:						
January	59,569	8,140	67,709	55,568	8,636	64,204
February	59,587	8,144	67,731	55,958	8,635	64,593
March	59,020	7,912	66,932	56,388	8,703	65,091
April	59,325	7,836	67,161	57,518	8,665	66,183
May	60,309	7,791	68,100	59,969	8,667	68,636
June	61,783	7,793	69,576	62,330	8,772	71,102
July	62,206	7,923	70,129	63,628	8,715	72,343
August	62,078	8,106	70,184	64,306	8,595	72,901
September	61,571	8,293	69,864	62,905	8,745	71,650
October	60,505	8,492	68,997	62,156	8,795	70,951
November	58,880	8,457	67,337	60,802	8,668	69,470
December	58,110	8,201	66,311	59,832	8,307	68,139

TABLE 28. Production Workers Employed in the Manufacturing Industries, by Months, Sex and Industrial Groups, 1951 and 1952 — Continued

Group and Month	1952			1951		
	Male	Female	Total	Male	Female	Total
	Number					
Printing, publishing and allied industries:						
January	31,367	8,742	40,109	31,296	8,880	40,176
February	31,084	8,518	39,602	31,141	8,698	39,839
March	31,077	8,197	39,274	31,242	8,703	39,945
April	31,238	8,318	39,556	31,288	8,704	39,992
May	31,244	8,332	39,576	31,234	8,751	39,985
June	31,495	8,521	40,016	31,557	9,012	40,569
July	31,455	8,707	40,162	31,661	9,202	40,863
August	31,141	8,465	39,606	31,417	9,102	40,519
September	31,293	8,722	40,015	31,481	9,278	40,759
October	31,346	8,922	40,268	31,627	9,215	40,842
November	31,499	8,912	40,411	31,711	9,035	40,746
December	31,382	8,501	39,883	31,565	8,703	40,268
Iron and steel products:						
January	142,009	6,817	148,826	134,744	7,871	142,615
February	143,460	6,777	150,237	136,722	8,097	144,819
March	143,978	6,794	150,772	139,169	8,173	147,342
April	143,904	6,861	150,765	140,957	8,171	149,128
May	145,080	6,924	152,004	141,770	8,226	149,996
June	145,420	6,963	152,383	143,334	8,107	151,441
July	145,838	7,025	152,863	142,620	7,896	150,516
August	145,476	7,170	152,646	142,445	7,731	150,176
September	145,623	7,337	152,960	141,611	7,578	149,189
October	145,323	7,392	152,715	141,607	7,348	148,955
November	146,293	7,485	153,778	142,302	7,182	149,484
December	145,150	7,343	152,493	141,137	7,045	148,182
Transportation equipment:						
January	107,385	3,783	111,168	91,867	3,765	95,632
February	110,307	4,019	114,326	94,689	3,920	98,609
March	114,150	4,238	118,388	97,392	3,969	101,361
April	118,134	4,399	122,533	98,727	4,004	102,731
May	119,823	4,289	124,112	100,478	3,902	104,380
June	120,678	4,424	125,102	101,417	3,728	105,145
July	118,626	4,093	122,719	101,580	3,558	105,138
August	118,868	4,247	123,115	95,951	3,305	99,256
September	119,229	4,304	123,533	102,464	3,228	105,692
October	118,499	4,266	122,765	103,988	3,312	107,300
November	121,562	4,387	125,949	103,271	3,219	106,490
December	121,618	4,503	126,121	101,682	3,117	104,799
Non-ferrous metal products:						
January	36,472	2,944	39,416	35,399	3,497	38,896
February	36,408	3,039	39,447	36,179	3,597	39,776
March	36,607	3,031	39,638	36,876	3,627	40,503
April	36,434	3,017	39,451	37,003	3,551	40,554
May	36,991	3,032	40,023	37,258	3,449	40,707
June	37,053	3,095	40,148	38,036	3,290	41,326
July	37,690	3,201	40,891	37,898	3,228	41,126
August	38,146	3,423	41,569	37,841	3,202	41,043
September	38,527	3,564	42,091	36,566	3,179	39,745
October	38,494	3,725	42,219	36,744	3,188	39,932
November	38,361	3,719	42,080	36,763	3,120	39,883
December	38,163	3,518	41,681	36,574	2,954	39,528
Electrical apparatus and supplies:						
January	34,926	11,385	46,311	36,256	13,816	50,072
February	34,992	11,693	46,685	36,515	13,877	50,392
March	35,377	11,684	47,061	36,991	14,471	51,462
April	35,193	11,663	46,856	37,216	14,677	51,893
May	35,897	11,763	47,660	37,317	14,603	51,920
June	36,823	12,265	49,088	37,553	14,393	51,946
July	37,473	12,304	49,777	36,540	14,029	50,569
August	37,873	13,185	51,058	36,209	13,598	49,807
September	38,171	13,825	51,996	36,232	13,346	49,578
October	38,610	14,256	52,866	35,692	12,673	48,365
November	38,753	14,708	53,461	35,487	12,331	47,818
December	38,293	14,605	52,898	34,962	11,619	46,581
Non-metallic mineral products:						
January	22,032	1,816	23,848	22,642	2,057	24,699
February	21,831	1,869	23,700	22,742	2,189	24,931
March	22,305	1,900	24,205	23,263	2,231	25,494
April	23,379	1,921	25,300	23,842	2,249	26,091
May	24,511	1,976	26,487	24,892	2,082	26,974
June	25,277	2,003	27,280	25,474	2,116	27,590
July	25,702	2,014	27,716	25,779	2,118	27,897
August	25,933	1,975	27,908	25,393	2,077	27,470
September	25,522	2,019	27,541	25,076	1,903	26,979
October	25,097	2,015	27,112	24,312	1,831	26,143
November	24,440	1,990	26,430	23,712	1,903	25,615
December	23,826	1,954	25,780	22,430	1,812	24,242

TABLE 28. Production Workers Employed in the Manufacturing Industries, by Months, Sex and Industrial Groups, 1951 and 1952 — concluded

Group and Month	1952			1951		
	Male	Female	Total	Male	Female	Total
	Number					
Products of petroleum and coal:						
January	10,698	75	10,773	9,992	58	10,050
February	10,698	77	10,775	9,972	63	10,035
March	10,943	82	11,025	10,119	63	10,182
April	11,008	83	11,091	10,409	64	10,473
May	11,259	85	11,344	10,490	67	10,557
June	11,440	91	11,531	10,565	71	10,636
July	11,564	90	11,654	10,710	75	10,785
August	11,680	94	11,774	10,692	76	10,768
September	11,496	91	11,587	10,611	78	10,689
October	11,292	83	11,375	10,772	78	10,850
November	11,231	83	11,314	10,680	70	10,750
December	11,104	79	11,183	10,669	70	10,739
Chemicals and allied products:						
January	25,108	5,322	30,430	23,187	5,246	28,433
February	24,979	5,423	30,402	23,354	5,369	28,723
March	25,085	5,474	30,559	23,686	5,515	29,201
April	25,510	5,597	31,107	24,224	5,595	29,819
May	25,805	5,660	31,465	24,811	5,559	30,370
June	25,664	5,720	31,384	24,895	5,639	30,534
July	25,837	5,595	31,432	24,947	5,393	30,340
August	25,874	5,693	31,567	25,118	5,501	30,619
September	25,775	5,811	31,586	24,839	5,717	30,556
October	25,511	5,845	31,356	24,686	5,759	30,445
November	25,593	5,867	31,460	24,823	5,509	30,332
December	25,421	5,604	31,025	24,761	5,348	30,109
Miscellaneous industries:						
January	13,230	7,758	20,988	13,514	8,945	22,459
February	13,313	8,084	21,397	13,707	9,171	22,878
March	13,455	8,172	21,627	13,870	9,323	23,193
April	13,669	8,257	21,926	13,840	9,252	23,092
May	13,782	8,240	22,022	13,782	8,979	22,761
June	14,005	8,296	22,301	13,805	8,771	22,576
July	14,161	8,347	22,508	13,647	8,482	22,129
August	14,398	8,808	23,206	13,635	8,641	22,276
September	14,497	9,378	23,875	13,532	8,862	22,394
October	14,594	9,790	24,384	13,383	8,821	22,204
November	14,577	9,801	24,378	13,035	8,342	21,377
December	14,339	9,001	23,340	12,594	7,687	20,281

Subsection 4. Hours Worked in Manufacturing Industries

Hours Worked by Production Workers. From 1932, the first year for which figures on hours worked per week by production workers are available, to 1945, each firm was required to report the number of hours worked by all its production workers during the month in which the greatest number had been employed, the only exception being the years 1938 and 1939 when one week in a month of normal employment was reported. In 1938 the number of hours worked per week were compiled by sex, and a change was also made in the analysis of the weekly hours worked. Since 1940 the hours worked per week include overtime while prior to that overtime was excluded. These changes make it impossible to measure accurately the changes in the number of hours worked per week. In any case, the figures in Table 29 do not refer to any particular month, since the month of highest employment might be May for one firm and October for another; they represent the summation of the different months of highest employment as reported by all firms. For a given industry, however, the month of highest employment is more significant as in this case it coincides for a great number of firms engaged in the same industry.

For all production workers, the hours worked per week declined from 48.9 in 1932 to 47.2 in 1939, and reached 50.6 in 1941, some of the increase no doubt being due to the inclusion of overtime. Since then there was a counter movement in the hours worked, especially among females, due to the employment of many workers on a part-time basis. Whereas in 1939 there were only 2.8 p.c. of male and 5.3 p.c. of female production workers working under 30 hours per week, in 1944 these percentages rose to 5.3 and 12.5 respectively. Since the end of the war the normal working week has been dropping steadily. In 1945 average hours per week for male production workers totalled 47.6 and for females 42.7.

The method of collecting statistics on hours worked was changed in 1946. Instead of collecting this information for one week in the month of highest employment which varied from plant to plant, the last week of November was chosen for the base period. The question on hours worked was taken out of the annual schedules used in connection with the census of manufactures and this information is now collected by the Employment Statistics Section. Establishments employing 15 hands or over only are covered. The statistics for 1946 to 1952 are, therefore, not exactly comparable with those for earlier years which include all establishments, both large and small.

On the above basis, the hours worked per week declined for all workers engaged in manufacturing. The hours of male production workers dropped from 44.9 in 1946 to 43.4 in 1952, female production workers from 40.0 to 39.6, male office employees from 42.0 to 39.9 and female office employees from 39.5 to 38.0.

Persons employed in 1950 were classified on the basis of earnings per week instead of hours worked. For this reason the distribution of employees by hours worked per week is not available. It is the intention in future to classify employees one year on the basis of hours worked, the second year on the basis of weekly earnings, while in the third year no break-down of either the hours worked or weekly earnings will be collected. Instead a more detailed break-down of salaried employees into (a) managerial and professional and (b) office workers will be requested.

Supervisory and office employees as a rule work shorter hours than production workers as the following figures for 1952 indicate.

	Production Workers	Supervisory and Office Employees
Both sexes	42.6	39.4
Male	43.4	39.9
Female	39.6	38.0

TABLE 29. Production Workers in Manufacturing, Working Specified Numbers of Hours per Week in the Month of Highest Employment, 1938-45 [1]

Note. Hours worked per week in 1932-37 are given at p. 396 of the 1942 edition of the Canada Year Book; in 1940 at p. 386 of the 1943-44 edition.

Hours Worked per Week	1938	1939	1942	1943	1944	1945
	p.c.					
All Production Workers:						
30 or less	4.1	3.4	4.3	6.2	7.4	7.4
31-43	16.9	14.6	8.6	10.7	12.7	16.2
44	14.3	13.8	7.7	7.4	9.5	12.1
45-47	11.3	10.9	7.0	8.3	9.1	10.8
48	20.7	22.2	21.4	20.5	20.6	21.4
49-50	10.6	11.2	9.2	9.6	9.8	9.8
51-54	6.7	7.9	12.9	12.5	10.8	8.4
55	3.5	4.1	5.6	5.2	4.4	3.2
56-64	10.4	10.4	16.9	14.6	11.8	7.6
65 or over	1.5	1.5	6.4	5.0	3.9	3.1
	100.0	100.0	100.0	100.0	100.0	100.0
Average hours per week	**46.7**	**47.2**	**50.2**	**48.8**	**47.5**	**46.2**
Male Production Workers:						
30 or less	3.4	2.8	3.6	4.6	5.3	5.4
31-43	16.6	14.2	7.0	7.9	9.8	13.1
44	13.1	12.7	6.9	6.2	9.0	11.7
45-47	10.5	10.0	5.6	7.2	7.9	9.8
48	21.3	22.8	21.7	21.5	21.5	22.9
49-50	10.0	10.6	8.4	8.8	9.5	10.0
51-54	7.4	8.2	12.6	13.2	11.9	9.5
55	3.6	4.4	5.8	5.7	5.0	3.8
56-64	12.3	12.5	20.4	18.3	15.1	9.7
65 or over	1.8	1.8	8.0	6.6	5.0	4.1
	100.0	100.0	100.0	100.0	100.0	100.0
Average hours per week	**47.3**	**48.1**	**51.3**	**50.4**	**49.1**	**47.6**
Female Production Workers:						
30 or less	6.7	5.3	6.2	10.0	12.5	12.3
31-43	17.9	15.8	13.0	17.6	20.1	23.8
44	18.3	17.8	9.9	10.3	10.8	13.2
45-47	14.2	13.9	11.1	11.2	12.2	13.2
48	18.8	20.4	20.8	18.2	18.4	17.7
49-50	12.6	13.2	11.5	11.6	10.5	9.1
51-54	4.5	6.6	13.5	10.7	8.2	5.7
55	3.1	3.5	4.9	4.0	2.9	1.9
56-64	3.5	3.2	7.2	5.3	3.4	2.4
65 or over	.4	.3	1.9	1.1	1.0	.7
	100.0	100.0	100.0	100.0	100.0	100.0
Average hours per week	**44.6**	**45.2**	**46.9**	**44.8**	**43.6**	**42.7**

1. For 1938 and 1939, the hours worked do not include overtime, while for 1940 to 1945 overtime is included.

TABLE 30. Production Workers in Manufacturing Working Specified Numbers of Hours During the Last Week in November, 1946-52[1]

Hours Worked per Week	1946	1947	1948	1949	1952
			p.c.		
All Production Workers:					
30 or less	6.7	6.7	6.1	6.3	6.1
31-34	10.8	2.9	3.0	3.1	3.5
35-39		7.8	8.4	8.5	8.1
40	9.9	12.2	13.2	15.3	25.9
41-43	11.5	10.6	10.9	11.1	11.9
44	10.3	8.5	9.3	8.6	6.6
45-47	18.2	18.7	18.9	18.8	13.9
48	13.7	12.9	11.8	10.7	7.6
49-50	6.6	6.5	6.1	5.7	5.0
51-53	5.4	4.3	4.0	3.9	3.6
54		1.3	1.3	1.2	1.3
55-64	6.0	6.5	6.0	5.9	5.5
65 or over	0.9	1.1	1.0	0.9	1.0
	100.0	100.0	100.0	100.0	100.0
Average Hours per Week	**43.7**	**43.7**	**43.6**	**43.3**	**42.6**
Male Production Workers:					
30 or less	4.7	4.6	4.4	4.3	4.6
31-34	8.0	2.1	2.2	2.3	2.9
35-39		6.1	6.4	6.7	6.6
40	9.6	11.9	12.9	15.5	27.3
41-43	10.6	9.2	9.9	10.4	11.3
44	10.7	8.7	9.7	8.8	6.4
45-47	18.8	19.7	19.4	19.2	13.9
48	15.8	15.0	13.9	12.5	8.5
49-50	7.1	7.0	6.6	6.3	5.4
51-53	6.3	4.9	4.6	4.4	3.9
54		1.6	1.5	1.3	1.5
55-64	7.3	7.8	7.3	7.1	6.5
65 or over	1.1	1.4	1.2	1.2	1.2
	100.0	100.0	100.0	100.0	100.0
Average Hours per Week	**44.9**	**44.9**	**44.7**	**44.4**	**43.4**
Female Production Workers:					
30 or less	13.1	13.7	12.2	12.8	11.9
31-34	19.7	5.5	5.6	5.8	5.9
35-39		13.6	15.0	14.6	13.5
40	10.8	13.4	14.1	14.8	20.9
41-43	14.6	15.0	14.5	13.3	13.9
44	8.9	7.8	7.9	7.9	7.4
45-47	16.1	15.9	17.4	17.5	14.2
48	7.1	5.7	5.1	4.5	3.9
49-50	5.0	4.9	4.1	3.9	3.3
51-53	2.5	2.0	2.0	2.3	2.4
54		0.5	0.5	0.5	0.6
55-64	2.1	1.9	1.5	2.0	1.9
65 or over	0.1	0.1	0.1	0.1	0.2
	100.0	100.0	100.0	100.0	100.0
Average Hours per Week	**40.0**	**39.7**	**39.8**	**39.8**	**39.6**

1. Includes only establishments employing 15 hands or over. Information not collected in 1950 and 1951.

TABLE 31. Average Hours Worked per Week in the Manufacturing Industries of Canada, by Provinces, 1946-52[1]

(Hours worked by wage-earners from 1938 to 1945 are given on page 53 of the 1950 General Review of the Manufacturing Industries of Canada)

Province and Year	Production workers			Supervisory and office employees		
	Both sexes	Male	Female	Both sexes	Male	Female
	Number					
Canada:						
1946	43.7	44.9	40.0	41.1	42.0	39.5
1947	43.7	44.9	39.7	40.4	41.2	38.9
1948	43.6	44.7	39.8	40.3	41.1	38.8
1949	43.3	44.4	39.8	40.1	40.8	38.6
1950	43.5	44.6	40.0	39.7	40.2	38.4
1951	42.0	43.0	37.9	39.5	40.0	38.2
1952	42.6	43.4	39.6	39.4	39.9	38.0
Newfoundland:						
1950	46.9	47.7	41.9	42.6	43.5	39.9
1951	45.5	46.1	40.5	43.0	43.3	42.0
1952	44.1	44.6	40.2	42.7	43.0	41.3
Prince Edward Island:						
1946	46.3	46.9	45.0	—	—	—
1947	45.3	47.0	40.3	—	—	—
1948	45.8	46.7	42.6	—	—	—
1949	47.7	48.1	46.8	—	—	—
1950	44.0	46.0	39.2	41.0	41.0	41.1
1951	45.9	46.4	44.4	43.4	44.3	41.3
1952	45.2	46.1	40.9	41.3	41.7	40.6
Nova Scotia:						
1946	45.7	46.0	43.6	43.1	44.1	40.7
1947	45.8	46.2	43.4	41.9	42.6	40.0
1948	45.8	46.0	44.5	41.7	42.4	39.9
1949	44.5	44.8	42.6	40.5	40.9	39.6
1950	44.8	45.0	43.7	40.8	41.0	40.1
1951	43.3	43.4	42.9	41.7	42.3	40.2
1952	42.4	42.4	42.5	42.3	43.2	39.8
New Brunswick:						
1946	46.0	46.7	42.9	43.2	44.3	40.9
1947	45.4	46.6	40.3	43.6	44.6	41.2
1948	46.1	47.0	41.9	42.7	43.8	40.4
1949	45.4	46.9	41.3	42.8	43.8	40.6
1950	45.0	46.3	39.3	42.0	43.0	39.6
1951	44.3	45.5	39.1	41.8	42.6	40.1
1952	44.1	44.8	40.8	41.5	42.2	39.5
Quebec:						
1946	45.4	47.1	41.2	41.5	42.5	39.6
1947	45.4	47.1	40.7	40.6	41.3	39.1
1948	45.2	46.8	40.9	40.6	41.4	39.0
1949	44.5	46.3	40.2	40.4	41.1	38.8
1950	44.9	46.7	40.6	39.8	40.5	38.4
1951	43.0	44.8	37.8	39.7	40.3	38.1
1952	44.0	45.5	40.1	39.5	40.0	38.2
Ontario:						
1946	42.8	44.0	38.8	40.5	41.3	39.2
1947	43.0	44.2	38.8	40.0	40.8	38.6
1948	42.9	43.9	38.9	39.8	40.6	38.4
1949	42.8	43.8	39.4	39.7	40.4	38.3
1950	43.0	44.0	39.5	39.3	39.8	38.1
1951	41.6	42.4	37.9	39.0	39.5	37.9
1952	42.1	42.8	39.3	39.0	39.6	37.7
Manitoba:						
1946	42.8	43.8	39.6	42.7	43.3	41.1
1947	43.4	44.5	39.7	41.7	42.2	40.4
1948	43.1	44.1	39.6	41.8	42.5	40.4
1949	43.4	44.5	39.7	41.3	41.9	39.9
1950	43.6	44.6	40.0	40.9	41.3	39.8
1951	41.6	42.4	38.4	40.3	40.5	39.6
1952	41.6	42.2	39.7	39.9	40.4	38.5
Saskatchewan:						
1946	44.0	44.3	41.2	42.9	43.7	41.3
1947	43.3	43.8	40.3	42.1	43.0	41.0
1948	43.0	43.6	39.0	41.9	42.4	41.1
1949	42.4	42.9	39.2	42.2	42.7	41.1
1950	42.4	42.8	39.1	42.1	42.5	41.3
1951	41.4	41.8	38.6	41.3	41.6	40.9
1952	41.4	41.8	38.9	41.5	42.0	40.3
Alberta:						
1946	43.2	43.5	41.6	42.9	43.6	41.5
1947	43.7	44.1	41.8	42.4	43.0	41.0
1948	43.3	43.8	40.7	42.5	43.2	40.7
1949	43.5	43.9	40.7	42.2	42.8	40.6
1950	42.6	43.0	39.7	41.3	41.7	39.8
1951	41.3	41.6	38.6	41.3	41.6	40.3
1952	41.4	42.0	38.2	40.5	40.9	39.4
British Columbia:						
1946	41.2	41.5	39.2	41.9	42.4	40.6
1947	40.4	40.4	38.4	40.6	41.0	39.7
1948	40.3	40.6	38.0	40.6	41.0	39.5
1949	40.1	40.5	37.2	40.4	40.7	39.6
1950	40.2	40.5	37.8	39.9	40.2	39.0
1951	39.1	39.5	35.9	40.0	40.2	39.1
1952	39.3	39.7	36.2	39.6	40.0	38.3

1. Prior to 1946 the figures refer to the week of highest employment and cover all establishments while for 1946 and 1947 they refer to the last week in November and for 1949 to 1952 the last week in October for establishments employing 15 hands and over only.

TABLE 32. Average Hours Worked per Week in the Manufacturing Industries of Canada, by Industrial Group, 1946-52

Group and year	Production workers			Supervisory and office employees		
	Both sexes	Male	Female	Both sexes	Male	Female
	Number					
Foods and beverages:						
1946	43.9	45.7	38.8	42.2	43.2	40.3
1947	44.1	46.1	38.6	41.2	42.0	39.7
1948	44.0	45.9	38.8	41.4	42.4	39.4
1949	44.3	46.2	39.4	41.2	42.1	39.4
1950	43.8	45.7	39.0	40.9	41.5	39.3
1951	43.4	45.0	39.0	40.5	41.1	39.1
1952	43.1	44.7	39.1	40.5	41.1	38.7
Tobacco and tobacco products:						
1946	42.9	45.6	41.4	41.3	42.1	40.4
1947	42.1	44.8	40.6	40.4	41.1	39.2
1948	42.5	45.0	41.2	40.2	40.8	39.3
1949	43.6	45.6	42.6	40.0	40.5	39.2
1950	41.5	43.0	40.7	38.4	38.6	37.9
1951	41.5	43.8	40.0	37.3	37.5	36.8
1952	40.8	42.6	39.7	37.5	37.7	37.2
Rubber products:						
1946	44.8	45.6	42.3	40.4	40.9	39.2
1947	43.7	44.3	41.8	39.3	39.7	38.4
1948	43.4	44.3	40.8	39.2	39.7	38.2
1949	42.3	42.8	40.9	39.2	39.7	38.2
1950	43.6	44.2	41.8	39.6	40.1	38.5
1951	41.4	42.0	39.5	38.3	38.4	38.0
1952	42.3	42.8	40.6	38.7	39.1	37.9
Leather products:						
1946	42.5	43.9	40.6	43.1	44.5	40.3
1947	41.0	42.2	39.2	41.9	43.2	39.1
1948	41.0	42.0	39.5	41.4	42.5	39.2
1949	40.1	41.3	38.4	41.5	42.6	39.2
1950	40.4	41.8	38.6	41.2	42.2	39.2
1951	37.6	38.7	36.0	40.2	41.2	38.1
1952	41.0	42.2	39.4	40.4	41.2	38.4
Textile products (except clothing):						
1946	43.8	46.6	41.3	41.5	42.6	39.4
1947	44.5	46.5	41.6	41.2	42.1	39.4
1948	44.4	46.4	41.5	41.0	42.1	39.2
1949	44.6	46.4	41.8	41.0	41.9	39.2
1950	44.7	46.3	42.1	40.2	40.9	38.7
1951	40.4	42.0	37.7	39.8	40.5	38.4
1952	43.5	44.7	41.2	39.4	40.0	38.3
Clothing (textile and fur):						
1946	41.0	44.8	38.7	41.5	42.7	39.8
1947	39.7	42.9	38.4	40.8	42.0	39.2
1948	40.1	42.6	39.0	40.9	42.2	39.4
1949	39.2	41.6	38.2	40.6	41.7	39.1
1950	40.1	42.6	39.0	40.0	40.9	38.7
1951	36.7	38.8	35.8	39.5	40.4	38.3
1952	39.9	42.5	38.8	39.5	40.3	38.4
Wood products:						
1946	45.1	45.4	41.3	43.7	45.2	40.2
1947	44.0	44.2	40.4	42.6	43.8	39.6
1948	44.0	44.2	40.8	42.4	43.6	39.3
1949	44.1	44.3	40.6	42.4	43.5	39.4
1950	44.1	44.3	41.0	41.7	42.6	39.2
1951	42.9	43.0	40.6	41.5	42.5	38.7
1952	43.8	44.0	41.1	41.5	42.6	38.4
Paper products:						
1946	47.1	48.2	41.0	40.9	41.6	39.4
1947	47.2	48.1	41.4	39.9	40.4	38.6
1948	47.2	48.0	41.3	40.2	40.7	38.7
1949	47.1	47.9	41.9	39.9	40.4	38.4
1950	47.5	48.3	42.1	39.1	39.6	37.8
1951	46.5	47.2	40.9	38.9	39.3	38.0
1952	45.1	45.5	41.6	38.4	38.7	37.4
Printing, publishing and allied industries:						
1946	42.0	43.3	38.5	39.9	40.6	39.0
1947	41.1	42.2	38.1	39.5	40.0	38.7
1948	40.9	42.0	37.8	39.0	39.4	38.3
1949	41.0	41.8	38.3	38.7	39.2	37.8
1950	40.4	41.2	37.9	38.2	38.3	38.0
1951	40.0	40.6	38.0	38.2	38.5	37.8
1952	40.0	40.6	38.0	37.9	38.0	37.6
Iron and steel products:						
1946	44.8	45.0	41.8	40.9	41.5	39.3
1947	45.1	45.3	41.6	40.2	40.8	38.6
1948	44.8	45.0	41.6	40.1	40.7	38.6
1949	43.6	43.7	41.5	39.8	40.3	38.4
1950	44.0	44.1	41.4	39.5	39.9	38.3
1951	42.5	42.7	39.8	39.1	39.6	37.9
1952	42.8	42.9	40.1	39.1	39.5	38.0
Transportation equipment:						
1946	42.3	42.4	40.3	42.2	42.8	40.5
1947	43.6	43.7	40.9	41.1	41.6	39.7
1948	43.2	43.2	40.7	41.6	42.1	40.2
1949	42.9	43.0	39.6	41.5	41.9	40.1
1950	43.8	43.9	40.2	41.4	41.8	39.8
1951	42.1	42.2	38.7	41.0	41.3	39.9
1952	42.3	42.4	38.5	41.7	42.5	39.2

TABLE 32. Average Hours Worked per Week in the Manufacturing Industries of Canada, by Industrial Group, 1946-52 — Concluded

Group and year	Production workers			Supervisory and office		
	Both sexes	Male	Female	Both sexes	Male	Female
	Number					
Non-ferrous metal products:						
1946	44.0	44.5	40.9	41.6	42.4	40.1
1947	44.1	44.6	40.3	40.9	41.6	39.2
1948	43.9	44.3	40.7	41.0	41.7	39.1
1949	44.4	44.6	41.8	40.9	41.8	38.8
1950	44.2	44.5	41.5	39.9	40.6	38.3
1951	41.8	42.0	40.0	39.6	40.2	38.1
1952	42.1	42.2	41.0	39.0	39.4	37.8
Electrical apparatus and supplies:						
1946	41.9	42.7	40.3	39.6	40.1	38.6
1947	42.6	43.5	40.7	39.9	40.6	38.6
1948	41.8	42.6	39.5	39.0	39.3	38.3
1949	42.1	42.8	40.3	39.0	39.3	38.3
1950	42.4	43.3	40.2	38.6	38.8	38.0
1951	41.5	42.5	38.7	38.8	39.3	37.6
1952	42.1	42.8	40.1	38.5	38.8	37.6
Non-metallic mineral products:						
1946	46.1	46.6	42.0	41.4	42.3	39.2
1947	46.4	46.8	43.5	40.9	41.3	40.0
1948	46.4	46.8	42.8	40.5	41.3	38.2
1949	46.0	46.4	41.8	39.9	40.8	37.8
1950	46.4	46.8	41.6	39.7	40.3	38.0
1951	45.0	45.3	40.2	39.3	39.9	37.6
1952	45.1	45.5	40.2	38.4	39.0	36.8
Products of petroleum and coal:						
1946	41.9	42.0	—	39.5	39.9	38.2
1947	42.1	42.1	—	38.8	39.1	37.3
1948	42.1	42.1	—	38.2	38.5	37.1
1949	41.9	41.9	—	38.0	38.6	36.1
1950	41.3	41.3	—	36.7	37.4	34.1
1951	41.4	41.4	—	38.4	38.7	37.1
1952	41.5	41.5	—	36.7	37.0	35.9
Chemicals and allied products:						
1946	44.4	45.3	41.0	39.5	40.0	38.8
1947	43.8	44.7	40.2	39.0	39.5	38.3
1948	44.0	44.9	40.4	38.8	39.3	38.0
1949	44.3	45.1	40.8	38.7	39.2	37.8
1950	43.4	44.1	40.1	38.3	38.8	37.5
1951	42.7	43.3	39.6	38.6	38.9	38.0
1952	42.3	42.8	39.6	38.4	38.7	37.9
Miscellaneous industries:						
1946	42.9	43.9	41.0	43.1	41.9	38.7
1947	42.3	43.7	39.7	41.9	41.2	38.6
1948	42.3	43.6	40.4	41.7	41.2	38.2
1949	42.8	44.2	40.7	40.5	41.1	37.6
1950	42.8	44.3	40.6	40.0	41.0	38.4
1951	41.8	43.3	39.5	38.9	40.1	37.0
1952	42.4	44.3	39.8	38.3	39.5	35.9

Subsection 5. Earnings in Manufacturing Industries

In 1952, the 37,929 establishments covered employed 263,027 supervisory and office employees and 1,025,355 production workers, a total of 1,288,382 persons. Out of every 1,000 persons employed in manufacturing, 204 were classed as office employees and 796 as production workers; the former earned 25 p.c. and the latter 75 p.c. of the total amount paid out as remuneration for services.

A notable feature during the past few years was the reduction in the disparity between average annual earnings of office and production workers. Whereas in 1939 average annual earnings of production workers were only 56 p.c. of that paid to office workers, in 1943 the percentage rose to 76, they declined to 69 in 1947 and rose to 75 in 1952. This tendency towards equalization was due, in part, to the controls adopted by the Government during the war years which tended to stabilize earnings of office workers more so than the earnings of production workers. The increase in average earnings of production workers was also influenced by the fact that large numbers were employed in the highly paid iron and steel industries and by the increase in the number of hours worked, some at overtime pay.

Ontario has a larger proportion of females among its office employees than the other provinces. The same situation prevails in Quebec with regard to production workers, due, no doubt, to the textile industries of the Province. The importance of the textile industries in providing employment to females is strikingly illustrated by the fact that of all female production workers engaged in the manufacturing industries of Canada in 1952, 43 p.c. were found in the textile and clothing groups.

Average earnings of office workers in 1952 amounted to $3,513 which was $1,767 or 101 p.c. higher than in 1939. Office employees in Ontario with $3,691 were the highest paid. Those in Quebec were second with $3,482, British Columbia third with $3,414 and Manitoba fourth with $3,219. The fact that head offices of many large corporations are located in Montreal, Toronto, Winnipeg and Vancouver tends to raise the average salaries in the provinces in which these cities are located.

Average earnings of production workers in 1952 amounted to $2,647 which was $1,672 or 171 p.c. higher than in 1939. The manufacturing industries of British Columbia paid the highest average earnings of $2,975. Ontario with $2,840 was in second place, followed by Saskatchewan with $2,609, Alberta $2,518, Newfoundland $2,479, etc. The high figure shown for Yukon and the Northwest Territories in regard to average earnings of production workers is due to the unusual conditions under which industry is carried on in these regions and is not representative. Statistics of the distribution of employees by provinces and groups as well as average annual earnings are given in Table 33.

TABLE 33. Annual Earnings in the Manufacturing Industries, by Provinces and Industrial Groups, 1952 with Totals for Significant Years, 1917-51

Year	Supervisory and office employees				Production workers			
	Male	Female	Total earnings	Average annual earnings	Male	Female	Total earnings	Average annual earnings
	No.	No.	$	$	No.	No.	$	$
1917	64,918		85,353,667	1,315	541,605		412,448,177	762
1920	78,334		141,837,361	1,811	520,559		575,656,515	1,106
1922	71,586		129,836,831	1,814	384,670		359,560,399	935
1924	54,379	15,641	130,344,822	1,862	322,719	94,871	404,122,853	968
1926[1]	58,245	17,092	142,353,900	1,890	374,244	109,580	483,328,342	999
1929[1]	67,731	21,110	175,553,710	1,976	454,768	122,922	601,737,507	1,042
1930[1]	64,161	20,550	169,992,216	2,007	416,790	113,195	527,563,162	995
1931[2]	71,198	20,293	172,289,095	1,883	337,636	99,513	415,277,895	950
1932	68,264	18,786	151,355,790	1,739	288,817	92,966	322,245,926	844
1933	67,875	18,761	139,317,946	1,608	287,266	94,756	296,929,878	777
1934	71,963	20,132	148,760,126	1,615	326,598	101,119	355,090,929	830
1935	76,213	21,717	160,455,080	1,638	353,790	104,944	399,012,697	870
1936	81,409	23,008	173,198,057	1,659	379,977	109,965	438,873,377	896
1937	91,092	24,735	195,983,475	1,692	427,285	117,339	525,743,562	965
1938	95,270	25,319	207,386,381	1,719	409,172	112,255	498,282,208	956
1939	98,165	26,607	217,839,334	1,746	415,488	117,854	519,971,819	975
1940	104,267	31,493	241,599,761	1,780	491,439	135,045	679,273,104	1,084
1941	117,251	41,693	286,336,861	1,801	626,825	175,409	978,525,782	1,220
1942	123,125	54,062	334,870,793	1,890	732,319	242,585	1,347,934,049	1,383
1943	128,679	64,516	388,857,505	2,013	762,854	285,019	1,598,434,879	1,525
1944	126,858	65,700	418,065,594	2,171	744,635	285,689	1,611,555,776	1,564
1945	128,601	62,106	417,857,619	2,191	680,620	248,045	1,427,915,830	1,538
1946	127,002	54,004	410,875,776	2,270	662,699	214,451	1,329,811,478	1,516
1947	135,248	55,852	474,693,800	2,484	721,407	219,243	1,611,232,166	1,713
1948	141,038	57,192	532,594,959	2,687	738,721	218,770	1,876,773,231	1,960
1949	157,516	64,035	628,427,937	2,836	732,457	217,199	1,963,462,720	2,067
1950	164,475	66,578	692,633,349	2,998	736,477	215,767	2,078,634,086	2,183
1951	176,943	70,844	816,714,604	3,296	792,394	218,194	2,459,566,313	2,434
Provinces, 1952								
Newfoundland	1,985	340	5,452,693	2,345	6,976	1,002	19,781,158	2,479
Prince Edward Island	343	84	814,983	1,909	974	394	1,990,639	1,455
Nova Scotia	3,755	1,101	12,884,551	2,653	24,768	3,747	62,360,836	2,187
New Brunswick	2,756	921	10,699,990	2,910	17,097	3,477	45,278,472	2,201
Quebec	60,365	23,019	290,383,844	3,482	253,334	92,980	835,560,859	2,413
Ontario	91,717	40,644	488,513,049	3,691	384,448	92,887	1,355,673,356	2,840
Manitoba	5,818	2,202	25,815,971	3,219	27,387	7,958	86,331,601	2,443
Saskatchewan	2,285	844	8,152,103	2,605	7,163	1,015	21,337,759	2,609
Alberta	5,275	1,609	19,880,392	2,888	21,487	3,394	62,646,802	2,518
British Columbia	13,903	4,020	61,191,597	3,414	66,315	8,429	222,339,379	2,975
Yukon and Northwest Territories	33	8	116,078	2,831	111	12	414,048	3,366
Canada Totals, 1952	**188,235**	**74,792**	**923,905,251**	**3,513**	**810,060**	**215,295**	**2,713,714,909**	**2,647**
Industrial Groups, 1952								
Foods and beverages	24,663	10,216	108,239,778	3,103	104,881	35,792	321,410,277	2,285
Tobacco and tobacco products	907	508	5,549,328	3,922	3,111	4,751	19,855,744	2,526
Rubber products	3,884	1,438	19,007,855	3,572	12,357	3,903	46,469,828	2,858
Leather products	2,998	1,310	14,631,149	3,396	15,843	11,952	51,522,341	1,890
Textile products (Except clothing)	7,657	3,851	42,574,356	3,700	38,613	22,618	136,115,110	2,223
Clothing (Textile and fur)	9,630	6,014	55,701,719	3,561	31,260	70,764	184,837,953	1,812
Wood products	21,156	3,175	57,563,254	2,366	100,973	5,164	241,867,727	2,279
Paper products	10,561	4,075	67,584,381	4,618	60,238	8,091	225,097,902	3,294
Printing, publishing and allied industries	15,219	9,372	73,846,566	3,003	31,312	8,582	112,404,149	2,818
Iron and steel products	27,693	9,639	144,825,158	3,879	144,788	7,071	472,185,766	3,109
Transportation equipment	18,863	5,906	96,831,129	3,909	117,358	4,233	376,287,321	3,095
Non-ferrous metal products	7,534	2,674	39,508,846	3,870	37,463	3,267	127,536,238	3,131
Electrical apparatus and supplies	13,823	5,696	72,039,772	3,691	36,896	12,785	145,525,164	2,929
Non-metallic mineral products	3,871	1,380	18,437,688	3,511	24,211	1,960	74,381,231	2,842
Products of petroleum and coal	4,222	1,403	23,018,760	4,092	11,197	83	40,554,413	3,595
Chemicals and allied products	10,842	5,709	60,021,601	3,626	25,508	5,635	88,054,074	2,827
Miscellaneous industries	4,712	2,426	24,523,911	3,436	14,051	8,644	49,609,671	2,186

1. The averages of the number of production workers and earnings for the years 1931 to 1952 are strictly comparable with those for the years up to 1925 but not with those for the intervening years. The figures for the latest years—as for the earliest—represent the earnings for complete man-years of work, with no allowance for periods of unemployment. The difference amounts only to about 3 or 4 p.c. in the total figures and affects chiefly the seasonal industries.

2. The increase in the number of office employees in 1931 is due to the following changes in method: 1. Prior to 1931 working proprietors, such as bakers, sawmill operators, small clothing manufacturers, etc., were required to report themselves as production workers. In 1931 and subsequent years, however, all such proprietors reported themselves as office employees. 2. In 1931 travelling salesmen who were attached to the plant, and devoted all or the greater part of their time to selling the products of that plant, were included with office employees. Prior to this they were not reported at all.

Average Annual Earnings in the Forty Leading Industries. In 1952 there were 30 industries paying office workers $3,500 or over, as compared with 22 industries in this range in 1951. Indicative of the rapidly changing pattern of remuneration in manufacturing is the fact that in 1945, the last year of the war, no industry paid office workers annual salaries of over $3,000. Highest average earnings in that year were $2,935 reported by the brewing industry. Highest average earnings in 1952, amounting to $5,069 were received by office and supervisory employees in the pulp and paper industry. This industry also occupied the premier position in 1951 with $4,688. Other industries paying $4,000 or more, in descending order, were as follows: breweries $4,891, motor vehicles $4,645, bridge building and structural steel $4,386, primary iron and steel $4,385, miscellaneous iron and steel products $4,323, petroleum products $4,276, boxes and bags, paper, $4,121, boilers, tanks and platework $4,060, motor vehicle parts $4,059, iron castings $4,023, non-ferrous metal smelting and refining $4,007, and brass and copper products $4,001. In seventeen others they were between $3,500 and $4,000, while in the remaining ten they were under $3,000. The sawmill and butter and cheese industries with $1,688 and $2,292 respectively, had the lowest earnings.

The increase in average earnings of production workers since 1945 paralleled that of supervisory and office employees. Whereas in 1945 there were only four industries averaging over $2,000, in 1952 the number jumped to thirty-six. In 1945 the highest annual earnings amounting to $2,365 were paid by the motor vehicle industry, while in 1952 the highest earnings which totalled $3,774 were paid by the petroleum products industry, displacing pulp and paper as the leading industry which in 1951 had the highest earnings of $3,531. The highest earnings are usually paid by industries in which the proportion of skilled workers is high and the proportion of female workers is low. There were seven industries in 1952 with average annual earnings of $3,300 and over. These were: petroleum products $3,774, pulp and paper $3,669, non-ferrous metal smelting and refining $3,489, primary iron and steel $3,437, motor vehicles $3,419, breweries $3,388 and agricultural implements $3,369. In eight industries average earnings ranged between $3,000 and $3,500, in twelve they ranged between $2,500 and $3,000, in nine others they were between $2,000 and $2,500, while in the remaining four they were below $2,000. This latter group includes industries made up of a large number of small establishments and in which the proportion of female workers is high. Fruit and vegetable preparations, leather footwear, men's factory clothing and women's factory clothing are the industries included in this group. Employment by sex, and average annual earnings in the forty leading industries are given in Table 34.

TABLE 34. Annual Earnings in the Forty Leading Industries, 1952

Note. Industries ranked according to the aggregate salaries and wages paid

No.	Industry	Supervisory and office employees				Production workers			
		Male	Female	Total earnings	Average annual earnings	Male	Female	Total earnings	Average annual earnings
		No.	No.	$	$	No.	No.	$	$
1	Pulp and paper	7,256	2,237	48,119,514	5,069	47,575	735	177,233,813	3,669
2	Sawmills	12,068	787	21,693,711	1,688	47,585	491	113,846,996	2,368
3	Primary iron and steel	3,308	1,019	18,972,041	4,385	30,344	330	105,415,249	3,437
4	Motor vehicles	4,453	1,472	27,518,997	4,645	24,857	320	86,088,074	3,419
5	Aircraft and parts	7,302	2,428	34,533,237	3,549	22,559	1,067	74,133,767	3,138
6	Railway rolling-stock	2,290	346	10,390,581	3,942	33,292	156	97,928,185	2,928
7	Non-ferrous metal smelting and refining	3,468	598	16,290,926	4,007	20,474	68	71,673,369	3,489
8	Machinery, heavy electrical	5,357	2,011	27,582,743	3,744	15,199	3,229	59,270,802	3,216
9	Printing and publishing	7,915	4,502	37,770,291	3,042	13,401	2,055	47,142,488	3,050
10	Bread and other bakery products	3,634	1,212	12,952,387	2,673	21,448	6,717	61,292,399	2,176
11	Machinery, industrial	4,724	1,861	24,238,970	3,681	15,440	472	49,581,452	3,116
12	Motor-vehicle parts	2,581	1,031	14,660,736	4,059	15,819	2,360	57,947,053	3,188
13	Slaughtering and meat packing	3,552	1,246	17,695,965	3,688	14,856	3,210	53,682,048	2,971
14	Clothing, men's factory	2,750	1,576	15,984,766	3,695	9,687	21,570	54,797,460	1,753
15	Miscellaneous electrical apparatus and supplies	3,984	1,808	21,545,991	3,720	11,319	4,293	44,714,201	2,864
16	Furniture	3,611	1,121	15,672,421	3,312	20,609	1,847	50,217,080	2,236
17	Rubber goods, including footwear	3,884	1,438	19,007,855	3,572	12,357	3,903	46,469,828	2,858
18	Agricultural implements	2,544	749	12,720,196	3,863	14,566	187	49,703,520	3,369
19	Printing and bookbinding	3,888	1,799	18,995,283	3,340	12,258	4,953	42,781,172	2,486
20	Shipbuilding	1,677	482	7,849,545	3,636	18,424	93	53,850,767	2,908
21	Clothing, women's factory	2,358	1,650	14,656,246	3,657	5,998	18,427	45,536,926	1,864
22	Cotton yarn and cloth	1,601	955	8,994,590	3,519	13,038	7,375	44,711,180	2,190
23	Sheet metal products	2,618	965	13,782,327	3,847	12,161	1,597	38,786,513	2,819
24	Castings, iron	1,639	589	8,963,232	4,023	13,411	298	42,179,009	3,077
25	Butter and cheese	3,524	1,674	11,912,465	2,292	14,319	918	36,913,923	2,423
26	Petroleum products	3,207	1,046	18,186,998	4,276	7,342	66	27,958,424	3,774
27	Sash, door and planing mills	3,177	616	10,615,311	2,799	15,529	203	33,371,596	2,121
28	Hardware, tools and cutlery	2,022	1,019	11,509,823	3,785	9,728	1,581	32,155,048	2,843
29	Synthetic textiles and silk	2,373	1,015	12,899,801	3,807	9,213	3,122	29,808,704	2,417
30	Footwear, leather	1,735	807	8,556,737	3,366	9,718	8,437	32,535,264	1,792
31	Bridge building,and structural steel	1,926	410	10,246,240	4,386	8,453	35	27,172,640	3,201
32	Miscellaneous iron and steel products	1,574	408	8,569,018	4,323	8,679	403	26,580,943	2,927
33	Boxes and bags, paper	1,527	761	9,428,736	4,121	6,330	4,456	25,011,878	2,319
34	Radios and radio parts	2,733	1,034	13,610,875	3,613	4,261	3,728	20,373,654	2,550
35	Miscellaneous chemical products, n.e.s.	2,454	961	12,085,270	3,539	6,499	1,483	21,609,471	2,707
36	Fruit and vegetable preparations	1,723	939	8,757,719	3,290	6,982	6,376	23,235,137	1,739
37	Brass and copper products	1,331	579	7,642,712	4,001	7,151	650	23,391,562	2,999
38	Breweries	1,282	374	8,100,019	4,891	6,420	87	22,043,533	3,388
39	Machinery, household, office and store	1,428	576	6,860,486	3,423	6,865	986	22,530,009	2,870
40	Boilers, tanks and platework	1,646	500	8,713,295	4,060	5,884	129	19,555,856	3,252
	Totals, forty leading industries	**132,124**	**46,601**	**638,288,056**	**3,571**	**600,050**	**118,413**	**1,993,230,993**	**2,774**
	Totals, all industries	**188,235**	**74,792**	**923,905,251**	**3,513**	**810,060**	**215,295**	**2,713,714,909**	**2,647**

Average Annual, Weekly and Hourly Earnings of Production Workers. In comparing earnings by provinces or groups, consideration should be given to the type of industries in each case since the distribution of industries has a very definite regional significance. In some industries a labour force possessing deftness and speed or the ability to exercise muscular strength is necessary, in others the labour force must exercise craftsmanship or possess a high degree of technical knowledge. Workers in the latter industries naturally command relatively higher payments than those employed in industries whose employees are routine workers.

The ranking of provinces and industries as regards annual earnings is in many cases different to that of weekly or hourly earnings since the factors of number of weeks worked per year and number of hours worked per week enter into the picture. So that, while in general the same observations apply, a close study of the differences between the averages shown in Tables 33 and 34 will be of value.

The figures for the years 1934 to 1945 given in Table 35 are based on an analysis of a pay-list covering one week in the month of highest employment. For this reason the figures do not refer to any particular month, since the month of highest employment might be May for one firm and October for another; they represent the summation of the different months of highest employment as reported by all the firms. For a particular industry, however, the month of highest employment is more significant as in such a case it coincides for a great number of firms engaged in the same industry. The figures since 1946 are based on returns received from establishments employing 15 hands or over, and for 1946 and 1947 they refer to the last week in the month of November, whereas for 1948-1952 they refer to the last week in the month of October.

Average weekly earnings of male production workers for manufacturing as a whole amounted to $60.85 in 1952, an increase of $38.62 or 174 p.c. as compared with 1939. Average hourly earnings advanced from 46.2 cents in 1939 to $1.40 in 1952, an increase of 203 p.c. Annual earnings at $2,915 were 171 p.c. higher.

Female production workers received on an average $34.17 per week in 1952, an increase of $21.39 or 167 p.c. since 1939. Hourly earnings at 86 cents were 205 p.c. higher, while annual earnings at $1,638 were 165 p.c. higher.

The following table gives the weekly and hourly earnings of male and female production workers for each province and major industrial group for the year 1952.

For the method used in calculating average annual earnings for male and female production workers separately, see text preceding Table 38.

Average Weekly and Hourly Earnings of Male and Female Production Workers, by Provinces and Industrial Groups, 1952

Province and Industrial Group	Male earnings		Female earnings	
	Weekly	Hourly	Weekly	Hourly
	$	$	$	$
Provinces				
Newfoundland	58.78	1.32	19.62	0.49
Prince Edward Island	48.13	1.04	22.41	0.55
Nova Scotia	50.41	1.19	23.89	0.56
New Brunswick	52.19	1.17	29.42	0.72
Quebec	57.74	1.27	32.00	0.80
Ontario	63.60	1.49	36.78	0.94
Manitoba	56.34	1.34	32.63	0.82
Saskatchewan	55.30	1.32	35.52	0.91
Alberta	58.30	1.39	36.48	0.96
British Columbia	65.35	1.65	37.11	1.03
Canada	**60.85**	**1.40**	**34.17**	**0.86**
Industrial Group				
Foods and beverages	54.36	1.22	31.12	0.80
Tobacco and tobacco products	60.24	1.41	45.18	1.14
Rubber products	63.60	1.49	41.62	1.03
Leather products	46.04	1.09	28.45	0.72
Textile products (except clothing)	50.73	1.14	36.63	0.89
Clothing (textile and fur)	54.06	1.27	30.85	0.80
Wood products	52.80	1.20	37.36	0.91
Paper products	67.89	1.49	34.40	0.83
Printing, publishing and allied industries	67.84	1.67	32.00	0.84
Iron and steel products	64.05	1.49	42.35	1.06
Transportation equipment	64.66	1.53	45.51	1.18
Non-ferrous metal products	64.52	1.53	35.18	0.86
Electrical apparatus and supplies	64.59	1.51	44.67	1.11
Non-metallic mineral products	60.20	1.32	35.94	0.89
Products of petroleum and coal	72.50	1.75	—	—
Chemicals and allied products	61.20	1.43	34.21	0.86
Miscellaneous industries	52.98	1.20	32.00	0.80

TABLE 35. Average Annual, Weekly and Hourly Earnings of Production Workers, Employed in the Manufacturing Industries, 1934-52

Note. Butter and cheese factories and fish curing and packing plants are excluded in the years 1938 to 1945, while sawmills are also excluded in 1945. By including sawmills, weekly earnings in 1945 would have been about $34.35 for male wage-earners.

Year	All production workers			Male workers			Female workers		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	$	$	$	$	$	$	$	$	$
1934	830	18.30	0.372	930	20.31	0.407[1]	539	11.80	0.251[1]
1935	870	18.50	0.380	966	20.41	0.413[1]	570	12.04	0.259[1]
1936	896	18.96	0.389	995	20.92	0.423[1]	577	12.20	0.262[1]
1937	965	[2]	[2]	[2]	[2]	[2]	[2]	[2]	[2]
1938	956	19.49	0.417	1,055	21.49	0.454	594	12.10	0.271
1939	975	20.14	0.427	1,076	22.23	0.462	619	12.78	0.283
1940	1,084	22.35	0.446	1,202	24.82	0.488	655	13.52	0.286
1941	1,220	24.95	0.494	1,355	27.72	0.538	736	15.05	0.316
1942	1,383	28.18	0.561	1,558	31.75	0.619	854	17.41	0.371
1943	1,525	29.87	0.612	1,726	33.80	0.671	987	19.33	0.431
1944	1,564	31.05	0.654	1,761	34.95	0.712	1,051	20.89	0.479
1945	1,538	30.98	0.669	1,739	35.04	0.736	984	19.84	0.465
1946[3]	1,516	32.38	0.741	1,702	36.23	0.807	943	20.08	0.502
1947[3]	1,713	37.19	0.851	1,909	41.35	0.921	1,067	23.11	0.582
1948[3]	1,960	41.25	0.946	2,175	45.73	1.023	1,233	25.91	0.651
1949[3]	2,067	42.61	0.984	2,291	47.33	1.066	1,315	27.18	0.683
1950[3]	2,183	45.94	1.056	2,419	50.93	1.142	1,376	29.00	0.725
1951[3]	2,434	51.32	1.222	2,693	56.46	1.313	1,492	31.27	0.825
1952[3]	2,647	55.17	1.295	2,915	60.85	1.402	1,638	34.17	0.863

1. Estimated on the basis of hours worked by female workers in 1938 and 1939 as compared with those worked by male workers in those years.
2. Not available.
3. Prior to 1946 the figures refer to week of highest employment and cover all establishments while for 1946 and 1947 they refer to the last week in November and for 1949 to 1952 the last week in October for establishments employing 15 hands and over only.

TABLE 36. Average Annual, Weekly and Hourly Earnings of Production Workers in the Manufacturing Industries, by Provinces, 1946-52

(Statistics for the years 1938-45 are published on page 60 of the 1950 General Review of the Manufacturing Industries of Canada)

Province and Year	All production workers			Male workers			Female workers		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	$	$	cents	$	$	cents	$	$	cents
Newfoundland:									
1949[1]	2,392	—	—	—	—	—	—	—	—
1950	2,626	46.52	99.2	2,919	50.85	106.6	1,016	17.72	42.3
1951[2]	2,350	52.37	115.1	2,613	56.80	123.2	852	18.51	45.7
1952	2,479	54.42	123.4	2,705	58.78	131.8	903	19.62	48.8
Prince Edward Island:									
1946	911	21.51	46.2	1,097	25.42	54.2	555	12.87	28.6
1947	976	24.75	54.6	1,131	28.01	59.6	613	15.19	37.7
1948	1,149	27.66	60.4	1,317	30.68	65.7	715	16.66	39.1
1949	1,145	29.76	62.4	1,323	33.96	70.6	718	18.45	39.6
1950	1,220	30.36	69.0	1,456	35.97	78.2	667	16.46	42.0
1951	1,312	34.10	74.3	1,521	38.33	82.6	808	20.34	45.8
1952	1,455	43.53	96.3	1,719	48.13	104.4	801	22.41	54.8
Nova Scotia:									
1946	1,398	31.44	68.8	1,502	33.90	73.7	762	17.18	39.4
1947	1,461	34.58	75.5	1,584	37.47	81.1	744	17.62	40.6
1948	1,680	37.74	82.4	1,810	40.66	88.4	901	20.25	45.5
1949	1,810	39.56	88.9	1,959	42.87	95.7	911	19.94	46.8
1950	1,852	39.74	88.7	2,002	42.98	95.5	973	20.89	47.8
1951	2,024	44.77	103.4	2,179	48.30	111.3	998	22.14	51.6
1952	2,187	46.89	110.6	2,349	50.41	118.9	1,113	23.89	56.2

TABLE 36. Average Annual, Weekly and Hourly Earnings of Production Workers in the Manufacturing Industries, by Provinces, 1946-52 — Concluded

(Statistics for the years 1938-45 are published on page 60 of the 1950 General Review of the Manufacturing Industries of Canada)

Province and Year	All production workers			Male workers			Female workers		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	$	$	cents	$	$	cents	$	$	cents
New Brunswick:									
1946	1,390	30.54	66.4	1,528	33.58	71.9	781	17.16	40.0
1947	1,570	33.55	73.9	1,714	37.05	79.5	890	19.22	47.7
1948	1,741	38.03	83.5	1,915	41.55	88.4	1,015	22.04	52.6
1949	1,823	38.64	85.1	1,983	42.18	90.9	1,114	23.71	57.4
1950	1,865	40.68	90.4	2,035	44.45	96.0	1,099	24.01	61.1
1951	2,087	46.87	105.8	2,275	51.42	113.0	1,188	26.86	68.7
1952	2,201	48.33	109.6	2,376	52.19	116.5	1,340	29.42	72.1
Quebec:									
1946	1,445	30.51	67.2	1,660	34.95	74.2	926	19.49	47.3
1947	1,601	34.82	76.7	1,830	39.66	84.2	1,016	22.02	54.1
1948	1,829	38.60	85.4	2,077	43.80	93.6	1,190	25.11	61.4
1949	1,907	39.61	89.0	2,171	45.19	97.6	1,246	25.93	64.5
1950	1,995	42.21	94.0	2,273	48.15	103.1	1,305	27.65	68.1
1951	2,216	47.26	109.9	2,528	53.58	119.6	1,385	29.37	77.7
1952	2,413	50.64	115.1	2,741	57.74	126.9	1,519	32.00	79.8
Ontario:									
1946	1,552	33.26	77.7	1,738	37.09	84.3	963	20.53	52.9
1947	1,792	38.57	89.7	1,988	42.70	96.6	1,153	24.13	62.2
1948	2,060	42.86	99.9	2,273	47.10	107.3	1,300	26.92	69.2
1949	2,187	44.34	103.6	2,405	48.88	111.6	1,400	28.45	72.2
1950	2,328	48.46	112.7	2,560	53.33	121.2	1,472	30.69	77.7
1951	2,602	53.87	129.5	2,848	58.60	138.2	1,635	33.66	88.8
1952	2,840	58.27	138.4	3,094	63.60	148.6	1,788	36.78	93.6
Manitoba:									
1946	1,491	31.16	72.8	1,662	34.51	78.8	949	19.72	49.8
1947	1,634	35.59	82.0	1,818	39.20	88.1	1,049	22.63	57.0
1948	1,833	39.22	91.0	2,042	43.48	98.6	1,144	24.35	61.5
1949	1,900	41.06	94.6	2,114	45.39	102.0	1,222	26.24	66.1
1950	2,013	43.73	100.3	2,234	48.30	108.3	1,276	27.56	68.9
1951	2,270	48.46	116.5	2,532	53.21	125.5	1,382	29.07	75.7
1952	2,443	51.17	123.0	2,698	56.34	133.5	1,562	32.63	82.2
Saskatchewan:									
1946	1,455	32.78	74.5	1,531	34.11	77.0	1,007	22.45	54.5
1947	1,643	36.63	84.5	1,726	39.16	87.5	1,106	25.10	62.3
1948	1,916	40.12	93.3	2,022	42.12	96.6	1,252	26.09	66.9
1949	2,042	41.34	97.5	2,142	43.33	101.0	1,384	27.99	71.4
1950	2,115	43.71	103.1	2,217	45.58	106.5	1,419	29.17	74.6
1951	2,363	49.18	118.8	2,473	51.58	123.4	1,568	32.69	84.7
1952	2,609	52.87	127.7	2,730	55.30	132.3	1,753	35.52	91.3
Alberta:									
1946	1,477	32.40	75.0	1,582	34.50	79.3	981	21.38	51.4
1947	1,657	36.81	84.2	1,758	39.07	88.6	1,136	25.25	60.4
1948	1,890	41.35	95.5	2,005	43.80	100.0	1,251	27.31	67.1
1949	2,025	43.80	100.7	2,137	46.01	104.8	1,385	29.83	73.3
1950	2,113	44.86	105.3	2,223	47.09	109.5	1,445	30.61	77.1
1951	2,323	50.39	122.0	2,449	52.83	127.0	1,531	33.04	85.6
1952	2,518	55.10	133.1	2,653	58.30	138.8	1,661	36.48	95.5
British Columbia:									
1946	1,750	36.83	89.4	1,956	39.01	94.0	1,156	23.05	58.8
1947	1,934	41.55	103.6	2,045	43.55	107.8	1,229	26.19	68.2
1948	2,182	46.02	114.2	2,298	48.27	118.9	1,360	28.58	75.2
1949	2,282	47.36	118.1	2,410	49.82	123.0	1,381	28.57	76.8
1950	2,393	50.73	126.2	2,522	53.34	131.7	1,458	30.84	81.6
1951	2,723	58.65	150.0	2,871	61.70	156.2	1,599	34.36	95.7
1952	2,975	62.21	158.3	3,127	65.35	164.6	1,776	37.11	102.5
Yukon and Northwest Territories[1]:									
1946	2,249	—	—	—	—	—	—	—	—
1947	2,152	—	—	—	—	—	—	—	—
1948	2,824	—	—	—	—	—	—	—	—
1949	2,502	—	—	—	—	—	—	—	—
1950	2,523	—	—	—	—	—	—	—	—
1951	2,686	—	—	—	—	—	—	—	—
1952	3,366	—	—	—	—	—	—	—	—

1. Dash indicates that the information is not available.

2. The average annual earnings are calculated on the basis of the total amount paid during the year as reported to census of industry, while the weekly earnings are based on an analysis of the pay-list for the last week in October and only cover establishments employing 15 hands or over. The drop in the average annual earnings is due in part to these factors as well as to the fact that in 1951 statistics for the processing of fish in Newfoundland were included with manufactures for the first time. As this is a seasonal industry annual earnings are, therefore, lower. In 1951 average annual earnings of production workers for both sexes for this industry averaged $1,151 as compared with $2,806 for the other industries of the province.

TABLE 37. Average Annual, Weekly and Hourly Earnings of Production Workers in the Manufacturing Industries, by Industrial Groups, 1946-52

Group and Year	All production workers			Male workers			Female workers		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	$	$	cents	$	$	cents	$	$	cents
Foods and beverages:									
1946	–	29.15	66.4	–	33.09	72.4	–	18.27	47.1
1947	–	33.87	76.8	–	38.45	83.4	–	21.04	54.5
1948	1,718	36.56	83.1	1,945	41.68	90.8	1,064	22.31	58.8
1949	1,817	38.45	86.8	2,046	43.98	95.2	1,140	24.51	62.2
1950	1,914	39.99	91.3	2,159	45.84	100.3	1,194	25.35	65.0
1951	2,113	44.79	103.2	2,371	50.67	112.6	1,370	29.29	75.1
1952	2,285	47.75	110.8	2,564	54.36	121.6	1,467	31.12	79.6
Tobacco and tobacco products:									
1946	–	23.85	55.6	–	30.06	65.9	–	20.37	49.2
1947	–	27.37	65.0	–	34.63	77.3	–	23.43	57.7
1948	1,717	35.53	83.6	2,105	44.15	98.1	1,488	31.23	75.8
1949	1,882	38.63	88.6	2,258	46.74	102.5	1,662	34.42	80.8
1950	2,011	40.92	98.6	2,361	48.33	112.4	1,799	36.83	90.5
1951	2,279	51.75	124.7	2,657	60.49	138.1	2,030	46.24	115.6
1952	2,526	50.96	124.9	2,975	60.24	141.4	2,231	45.18	113.8
Rubber products:									
1946	–	36.78	82.1	–	41.09	90.1	–	23.96	56.7
1947	–	40.07	91.7	–	44.43	100.3	–	27.17	65.0
1948	2,108	45.22	104.2	2,338	49.84	112.5	1,481	31.17	76.4
1949	2,138	43.36	102.6	2,353	47.68	111.4	1,520	30.80	75.3
1950	2,326	48.83	112.0	2,563	53.97	122.1	1,625	34.23	81.9
1951	2,622	54.69	132.1	2,861	59.77	142.3	1,848	38.59	97.7
1952	2,858	58.04	137.2	3,117	63.60	148.6	2,039	41.62	102.5
Leather products:									
1946	–	25.03	58.9	–	29.85	68.0	–	18.11	44.6
1947	–	28.25	68.9	–	33.51	79.4	–	20.11	51.3
1948	1,428	30.22	73.7	1,684	35.57	84.7	1,054	22.28	56.4
1949	1,528	30.84	76.9	1,807	36.39	88.1	1,131	22.77	59.3
1950	1,562	32.80	81.2	1,850	38.96	93.2	1,149	24.20	62.7
1951	1,684	33.61	89.4	1,992	39.71	102.6	1,251	24.95	69.3
1952	1,890	38.38	93.6	2,218	46.04	109.1	1,371	28.45	72.2
Textile products (except clothing):									
1946	–	24.13	55.1	–	28.33	60.8	–	19.87	48.1
1947	–	30.08	67.6	–	34.64	74.5	–	23.59	56.7
1948	1,707	34.10	76.8	1,946	38.93	83.9	1,349	26.98	65.0
1949	1,830	36.93	82.8	2,068	41.67	89.8	1,458	29.39	70.3
1950	1,909	39.38	88.1	2,141	44.17	95.4	1,527	31.49	74.8
1951	2,046	40.00	99.0	2,292	44.81	106.7	1,627	31.82	84.4
1952	2,223	45.68	105.0	2,477	50.73	113.5	1,788	36.63	88.9
Clothing (textile and fur):									
1946	–	25.38	61.9	–	34.54	77.1	–	19.81	51.2
1947	–	26.92	67.8	–	39.17	91.3	–	21.81	56.8
1948	1,465	30.16	75.2	2,065	42.64	100.1	1,198	24.73	63.4
1949	1,542	30.46	77.7	2,170	43.31	104.1	1,261	25.17	65.9
1950	1,588	32.64	81.4	2,242	46.35	108.8	1,294	26.75	68.6
1951	1,691	33.21	90.5	2,383	47.14	121.5	1,380	27.28	76.2
1952	1,812	37.39	93.7	2,579	54.06	127.2	1,473	30.85	79.5
Wood products:									
1946	–	30.94	68.6	–	31.73	69.9	–	21.02	50.9
1947	–	35.24	80.1	–	35.98	81.4	–	24.20	59.9
1948	1,727	39.16	89.0	1,758	40.00	90.5	1,199	27.30	66.9
1949	1,836	40.40	91.6	1,869	41.20	93.0	1,256	27.69	68.2
1950	1,925	43.61	98.9	1,957	44.48	100.4	1,335	30.34	74.0
1951	2,136	48.18	112.3	2,166	48.98	113.9	1,525	34.47	84.9
1952	2,279	51.86	118.4	2,312	52.80	120.0	1,637	37.36	90.9
Paper products:									
1946	–	36.97	78.5	–	40.20	83.4	–	18.94	46.2
1947	–	44.04	93.3	–	47.38	98.5	–	22.36	54.0
1948	2,431	49.09	104.0	2,616	52.42	109.2	1,248	24.99	60.5
1949	2,535	49.74	105.6	2,721	53.31	111.3	1,350	26.44	63.1
1950	2,709	54.15	114.0	2,906	57.77	119.6	1,444	28.71	68.2
1951	3,130	63.98	137.6	3,347	67.87	143.8	1,630	33.05	80.8
1952	3,294	64.27	142.5	3,499	67.89	149.2	1,774	34.40	82.7
Printing, publishing and allied industries:									
1946	–	34.57	82.3	–	40.53	93.6	–	18.71	48.6
1947	–	38.47	93.6	–	44.77	106.1	–	21.15	55.5
1948	2,082	42.90	104.9	2,395	49.52	117.9	1,109	22.94	60.7
1949	2,239	47.19	115.1	2,550	53.59	128.2	1,221	25.66	67.0
1950	2,413	50.30	124.5	2,747	57.64	139.9	1,277	26.80	70.7
1951	2,575	54.24	135.6	2,917	61.87	152.4	1,374	29.11	76.6
1952	2,818	59.64	149.1	3,179	67.84	167.1	1,500	32.00	84.2

TABLE 37. Average Annual, Weekly and Hourly Earnings of Production Workers in the Manufacturing Industries, by Industrial Groups, 1946-52 — Concluded

Group and Year	All production workers			Male workers			Female workers		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	$	$	cents	$	$	cents	$	$	cents
Iron and steel products:									
1946	—	36.87	82.3	—	37.89	84.2	—	22.11	52.9
1947	—	41.85	92.8	—	42.99	94.9	—	26.33	63.3
1948	2,257	46.64	104.1	2,305	47.61	105.8	1,443	29.83	71.7
1949	2,401	48.05	110.2	2,445	48.94	112.0	1,597	31.96	77.0
1950	2,534	52.23	118.7	2,581	53.18	120.6	1,665	34.28	82.8
1951	2,833	58.86	138.5	2,886	59.95	140.4	1,885	39.16	98.4
1952	3,109	63.09	147.4	3,159	64.05	149.3	2,088	42.35	105.6
Transportation equipment:									
1946	—	39.85	94.2	—	40.45	95.4	—	24.99	62.0
1947	—	44.75	102.6	—	45.27	103.6	—	30.51	74.6
1948	2,419	48.90	113.2	2,442	49.33	114.2	1,687	34.07	83.7
1949	2,465	50.54	117.8	2,494	51.08	118.8	1,706	34.93	88.2
1950	2,647	55.06	125.7	2,680	55.67	126.8	1,825	37.91	94.3
1951	2,867	58.18	138.2	2,895	58.66	139.0	2,096	42.45	109.7
1952	3,095	64.13	151.6	3,127	64.66	152.5	2,201	45.51	118.2
Non-ferrous metal products:									
1946	—	35.51	80.7	—	37.78	84.9	—	20.90	51.1
1947	—	40.79	92.5	—	42.91	96.2	—	24.91	61.8
1948	2,251	45.26	103.1	2,350	47.45	107.1	1,349	27.23	66.9
1949	2,419	48.26	108.7	2,521	50.26	112.7	1,437	28.63	68.5
1950	2,516	50.34	113.9	2,619	52.51	118.0	1,490	29.88	72.0
1951	2,866	57.56	137.7	2,979	59.68	142.1	1,618	32.40	81.0
1952	3,131	62.35	148.1	3,250	64.52	152.9	1,771	35.18	85.8
Electrical apparatus and supplies:									
1946	—	32.39	77.3	—	36.34	85.1	—	24.38	60.5
1947	—	39.11	91.8	—	43.28	99.5	—	30.04	73.8
1948	2,125	44.06	105.4	2,319	48.01	112.7	1,614	33.42	84.6
1949	2,288	46.10	109.5	2,493	50.38	117.7	1,740	35.18	87.3
1950	2,414	49.90	117.7	2,649	55.03	127.1	1,788	37.14	92.4
1951	2,673	56.03	135.0	2,932	61.24	144.1	1,982	41.41	107.0
1952	2,929	59.28	140.8	3,181	64.59	150.9	2,201	44.67	111.4
Non-metallic mineral products:									
1946	—	32.78	71.1	—	34.11	73.2	—	21.97	52.3
1947	—	38.93	83.9	—	40.20	85.9	—	27.75	63.8
1948	2,080	43.20	93.1	2,138	44.46	95.0	1,443	30.00	70.1
1949	2,193	45.22	98.3	2,252	46.45	100.1	1,540	31.10	74.4
1950	2,338	48.72	105.0	2,408	50.26	107.4	1,500	31.32	75.3
1951	2,616	54.77	121.7	2,699	56.31	124.3	1,646	34.33	85.4
1952	2,842	58.27	129.2	2,931	60.20	132.3	1,750	35.94	89.4
Products of petroleum and coal:									
1946	—	37.88	90.4	—	38.01	90.5	—	—	—
1947	—	44.02	104.6	—	44.06	104.7	—	—	—
1948	2,435	50.14	119.1	2,445	50.18	119.2	1,345	—	—
1949	2,602	52.54	125.4	2,613	52.58	125.5	1,435	—	—
1950	2,776	56.00	135.6	2,787	56.09	135.8	1,532	—	—
1951	3,172	67.15	162.2	3,181	67.32	162.6	1,750	—	—
1952	3,595	72.33	174.3	3,607	72.50	174.7	1,984	—	—
Chemicals and allied products:									
1946	—	32.46	73.1	—	35.97	79.4	—	19.35	47.2
1947	—	37.14	84.8	—	40.90	91.5	—	21.99	54.7
1948	2,029	41.05	93.3	2,227	45.03	100.3	1,223	24.72	61.2
1949	2,194	43.28	97.7	2,404	47.40	105.1	1,334	26.32	64.5
1950	2,325	46.52	107.2	2,541	50.54	114.6	1,410	28.07	70.0
1951	2,612	52.78	123.6	2,845	57.03	131.7	1,579	31.64	79.9
1952	2,827	56.56	133.7	3,073	61.20	143.0	1,718	34.21	86.4
Miscellaneous industries:									
1946	—	26.94	62.8	—	30.91	70.4	—	19.43	47.4
1947	—	31.18	73.7	—	35.75	81.8	—	22.67	57.1
1948	1,652	33.84	80.0	1,920	39.33	90.2	1,244	25.49	63.1
1949	1,718	35.14	82.1	2,006	41.38	93.4	1,292	26.66	65.5
1950	1,803	38.01	88.8	2,106	44.48	100.4	1,365	28.83	71.0
1951	2,063	41.63	99.6	2,411	48.93	113.0	1,529	31.01	78.5
1952	2,186	44.05	103.9	2,574	52.98	119.6	1,555	32.00	80.4

Note: Average annual earnings cannot be calculated without a recompilation of the figures for 1946 and 1947 on the new standard classification basis.

Average Annual, Weekly and Hourly Earnings of Supervisory and Office Employees. Beginning with 1946 the survey on weekly earnings and hours worked by production workers was expanded to include office employees as well. The survey covers establishments employing 15 hands or over and refers to the last week in November for 1946 and 1947, and to the last week in October for 1948-52. Earnings and hours worked are reported for male and female workers separately in 13 groups of hours ranging from 30 hours or less to 65 hours or more. The earnings reported for the week is the gross amount paid before deductions for income tax, unemployment insurance, etc. Weekly and hourly earnings as well as the hours worked are thus obtained directly from the tabulated results of the establishments covered. The annual earnings, however, have to be calculated as they are not directly obtained from the survey. To calculate annual earnings the results on weekly earnings are correlated with the results obtained through the annual Census of Industry. The following case will illustrate the method used.

In 1949 the paper products group, according to the annual census of industry, reported 9,077 male and 3,573 female office employees with total payments of $46,537,336. From the October survey on weekly earnings this group showed $77.41 per week for male and $34.88 per week for female office employees. The proportion of female to male earnings is therefore .451 $\left(\frac{\$34.88}{\$77.41}\right)$ Female employees are first reduced to a male basis and the calculation is then as follows:

Annual Earnings of Male Employees

$$\frac{\$46,537,336}{9,077 + .451\,(3,573)} = \frac{\$46,537,336}{10,688} = \$4,354$$

Annual Earnings of Female Employees

$$\$4,354 \times .451 = \$1,964$$

In the above calculation the assumption is made that annual earnings of male and female employees vary in the same proportion as their weekly earnings. In the above illustration it may also be noted that the calculated annual earnings for male employees amounting to $4,354 are higher than the weekly earnings multiplied by 52 which total only $4,025 ($77.41 x 52). This difference is due to the fact that the earnings reported to the Census of Industry include payments to executives as well as bonuses to employees which are usually paid at the end of the year, while the earnings reported for the one week in the year exclude such payments.

It is the intention in future to alternate the system of classifying employees. One year the basis will be the hours worked per week and the following year it will be on the basis of the earnings per week. Information will thus be made available on both the number of hours worked as well as the range of weekly earnings of employees engaged in manufacturing.

Annual earnings of male office employees in 1952 averaged $3,985, weekly earnings $82.60 and hourly earnings $2.07. For female office employees annual earnings averaged $2,323, weekly earnings $41.26 and hourly earnings $1.09. Average annual earnings of all office employees totalled $3,513 in 1952, an increase of 55 p.c. since 1946. Weekly earnings at $70.75 were 61 p.c. higher and hourly earnings at $1.80 were 68 p.c. higher.

The following table gives the weekly and hourly earnings of male and female office employees for each province and major industrial group for the year 1952.

Average Weekly and Hourly Earnings of Male and Female Supervisory and Office Employees by Provinces and Industrial Groups, 1952

Province and Industrial Group	Male earnings		Female earnings	
	Weekly	Hourly	Weekly	Hourly
	$	$	$	$
Province				
Newfoundland	71.47	1.66	31.55	0.76
Prince Edward Island	59.33	1.42	29.40	0.72
Nova Scotia	68.54	1.59	34.74	0.87
New Brunswick	71.50	1.69	35.44	0.90
Quebec	79.92	2.00	40.52	1.06
Ontario	85.77	2.17	42.24	1.12
Manitoba	73.66	1.82	37.27	0.97
Saskatchewan	67.22	1.60	38.11	0.95
Alberta	76.73	1.88	40.55	1.03
British Columbia	84.76	2.12	42.00	1.10
Canada	**82.60**	**2.07**	**41.26**	**1.09**
Industrial group				
Foods and beverages	73.74	1.79	39.65	1.03
Tobacco and tobacco products	78.96	2.09	47.34	1.27
Rubber products	78.53	2.01	40.87	1.08
Leather products	69.22	1.68	35.35	0.92
Textile products (except clothing)	82.79	2.07	39.50	1.03
Clothing (textile and fur)	76.11	1.89	38.74	1.01
Wood products	77.06	1.81	38.83	1.01
Paper products	97.11	2.51	43.80	1.17
Printing, publishing and allied industries	74.67	1.97	38.48	1.02
Iron and steel products	82.53	2.09	40.62	1.07
Transportation equipment	87.79	2.07	44.92	1.15
Non-ferrous metal products	90.39	2.29	42.39	1.12
Electrical apparatus and supplies	81.92	2.11	42.95	1.14
Non-metallic mineral products	82.48	2.12	41.15	1.12
Products of petroleum and coal	108.63	2.94	51.57	1.44
Chemicals and allied products	84.46	2.18	42.95	1.13
Miscellaneous industries	80.66	2.04	40.57	1.13

TABLE 38. Average Annual, Weekly and Hourly Earnings of Supervisory and Office Workers Employed in the Manufacturing Industries, 1946-52

Year	All employees			Male employees			Female employees		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	$	$	$	$	$	$	$	$	$
1946	2,270	43.85	1.067	—	53.21	1.267	—	25.91	0.656
1947	2,484	49.78	1.232	—	60.21	1.461	—	28.68	0.737
1948	2,687	52.91	1.313	3,147	63.47	1.544	1,551	31.26	0.805
1949	2,836	54.85	1.368	3,317	65.37	1.602	1,655	32.62	0.845
1950	2,998	58.74	1.480	3,507	69.35	1.725	1,739	34.38	0.895
1951	3,296	65.98	1.670	3,852	77.55	1.939	1,907	38.42	1.006
1952	3,513	70.75	1.796	3,985	82.60	2.070	2,323	41.26	1.086

TABLE 39. Average Annual, Weekly and Hourly Earnings of Supervisory and Office Employees in the Manufacturing Industries, by Provinces, 1946-52

Year and Province	All employees			Male employees			Female employees		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	$	$	cents	$	$	cents	$	$	cents
Newfoundland:									
1950	1,921	54.95	128.9	2,087	63.33	146.7	868	26.55	66.6
1951	2,383	62.04	144.3	2,604	70.71	163.3	1,135	30.80	73.3
1952	2,345	62.62	146.7	2,529	71.47	166.2	1,275	31.55	76.4
Prince Edward Island:									
1950	1,571	40.35	98.4	1,747	48.55	118.5	896	24.92	60.6
1951	1,715	46.90	108.1	1,918	55.98	126.4	917	26.75	64.8
1952	1,909	49.63	120.2	2,117	59.33	142.3	1,050	29.40	72.4
Nova Scotia:									
1946	—	39.89	92.5	—	46.36	106.2	—	23.54	57.8
1947	—	45.34	108.2	—	53.44	125.4	—	25.67	64.2
1948	2,036	48.42	116.1	2,292	56.49	133.2	1,107	27.29	68.4
1949	2,179	50.47	124.6	2,455	59.45	145.3	1,169	28.29	71.4
1950	2,335	52.55	128.8	2,635	61.20	149.3	1,257	29.18	72.8
1951	2,500	58.43	140.1	2,821	67.83	160.4	1,329	31.95	79.5
1952	2,653	60.30	142.6	2,936	68.54	158.7	1,691	34.74	87.3
New Brunswick:									
1946	—	40.33	93.3	—	48.25	108.9	—	22.68	55.4
1947	—	44.59	102.3	—	53.56	120.1	—	24.78	60.1
1948	2,204	46.70	109.3	2,516	55.94	127.7	1,208	26.86	66.5
1949	2,233	48.42	113.1	2,568	57.64	131.6	1,243	27.88	68.6
1950	2,404	51.60	122.9	2,774	61.40	142.8	1,298	28.71	72.5
1951	2,757	57.65	137.9	3,175	68.64	161.1	1,467	31.72	79.1
1952	2,910	61.83	149.0	3,258	71.50	169.4	1,867	35.44	89.7
Quebec:									
1946	—	44.57	107.4	—	53.30	125.4	—	26.63	67.2
1947	—	49.45	121.8	—	59.09	143.1	—	28.95	74.0
1948	2,699	52.39	129.0	3,119	62.20	150.2	1,581	31.52	80.8
1949	2,812	54.66	135.3	3,256	64.41	156.7	1,670	33.05	85.2
1950	2,981	58.10	146.0	3,461	68.13	168.2	1,747	34.41	89.6
1951	3,241	64.67	162.9	3,769	75.77	188.0	1,858	37.32	98.0
1952	3,482	68.88	174.4	3,929	79.92	199.8	2,310	40.52	106.1
Ontario:									
1946	—	43.82	108.2	—	54.19	131.2	—	25.87	66.0
1947	—	50.46	126.1	—	62.01	152.0	—	28.84	75.0
1948	2,816	53.63	134.7	3,373	65.20	160.5	1,626	31.40	81.8
1949	2,990	55.32	139.3	3,563	66.81	165.4	1,746	32.74	85.5
1950	3,150	59.81	152.2	3,749	71.40	179.4	1,830	34.84	91.4
1951	3,489	67.29	172.5	4,135	79.67	201.7	2,051	39.49	104.2
1952	3,691	72.73	186.5	4,236	85.77	216.6	2,461	42.24	112.0
Manitoba:									
1946	—	41.46	97.1	—	48.93	113.0	—	23.76	57.8
1947	—	46.07	110.5	—	54.62	129.4	—	26.07	64.5
1948	2,563	49.68	118.8	2,981	58.98	138.8	1,404	28.21	69.8
1949	2,729	52.98	128.3	3,150	62.19	148.4	1,534	30.30	75.9
1950	2,818	54.21	132.5	3,239	62.42	151.1	1,662	32.01	80.4
1951	3,050	60.57	150.3	3,519	70.20	173.3	1,756	35.06	88.5
1952	3,219	64.14	160.8	3,638	73.66	182.3	2,114	37.27	96.8
Saskatchewan:									
1946	—	38.78	90.4	—	46.10	105.5	—	24.20	58.6
1947	—	41.95	99.6	—	50.47	117.4	—	25.90	63.2
1948	1,937	44.90	107.1	2,216	54.52	128.6	1,148	28.25	68.7
1949	2,085	45.18	107.0	2,364	53.23	124.6	1,300	29.30	71.3
1950	2,317	49.76	118.2	2,640	58.13	136.8	1,468	32.34	78.3
1951	2,444	56.35	136.4	2,764	64.97	156.2	1,584	37.25	91.1
1952	2,605	58.08	140.0	2,871	67.22	160.0	1,883	38.11	94.6
Alberta:									
1946	—	39.34	91.7	—	46.30	106.2	—	23.66	57.0
1947	—	44.32	104.5	—	51.68	120.2	—	26.62	64.9
1948	2,122	48.20	113.4	2,382	55.81	129.2	1,239	29.04	71.3
1949	2,311	51.80	122.7	2,610	60.06	140.3	1,334	30.72	75.6
1950	2,454	55.05	133.3	2,777	62.62	150.2	1,441	32.47	81.6
1951	2,558	62.06	150.3	2,870	71.12	171.0	1,487	36.86	91.5
1952	2,888	67.20	165.9	3,183	76.73	187.6	1,919	40.55	102.9
British Columbia:									
1946	—	46.59	111.2	—	54.10	127.6	—	27.36	67.4
1947	—	52.89	130.3	—	61.70	150.5	—	30.07	75.7
1948	2,522	56.38	138.8	2,835	65.16	158.9	1,451	33.40	84.5
1949	2,758	57.91	143.3	3,133	66.92	164.4	1,579	33.73	85.2
1950	2,871	60.83	152.5	3,242	69.77	173.6	1,637	35.23	90.3
1951	3,174	71.10	177.8	3,606	81.66	203.1	1,767	40.03	102.4
1952	3,414	74.54	188.2	3,785	84.76	211.9	2,131	42.00	109.7

Note. Average annual earnings cannot be calculated without a recompilation of the figures for 1946 and 1947 on the new standard classification basis.

TABLE 40. Average Annual, Weekly and Hourly Earnings of Supervisory and Office Employees in the Manufacturing Industries, by Industrial Groups, 1946-52

Year and Group	All employees			Male employees			Female employees		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	$	$	cents	$	$	cents	$	$	cents
Foods and beverages:									
1946	–	41.33	97.9	–	49.90	115.5	–	24.62	61.1
1947	–	47.23	114.6	–	57.19	136.1	–	27.75	69.9
1948	2,384	52.01	125.6	2,792	62.62	147.0	1,348	30.24	76.7
1949	2,518	52.31	126.9	2,930	62.27	147.7	1,490	31.64	80.3
1950	2,693	55.06	134.6	3,129	64.05	154.3	1,608	32.92	83.8
1951	2,941	61.78	152.5	3,406	71.15	173.1	1,785	37.29	95.4
1952	3,103	64.68	159.7	3,500	73.74	179.4	2,145	39.65	102.5
Tobacco and tobacco products:									
1946	–	39.94	96.7	–	51.45	122.2	–	25.17	62.3
1947	–	44.21	109.4	–	54.68	133.0	–	28.96	73.9
1948	2,863	52.47	130.5	3,412	64.94	159.1	1,836	34.92	88.8
1949	3,109	54.17	135.4	3,667	65.26	161.1	2,057	36.63	93.4
1950	3,256	57.86	150.7	3,821	67.18	174.0	2,247	39.48	104.2
1951	3,665	66.73	178.9	4,390	78.21	208.6	2,379	42.41	115.2
1952	3,922	68.33	182.2	4,408	78.96	209.4	3,055	47.34	127.3
Rubber products:									
1946	–	44.97	111.3	–	54.64	133.6	–	25.17	64.2
1947	–	48.69	123.9	–	58.64	147.7	–	27.34	71.2
1948	2,800	51.84	132.2	3,333	61.95	156.0	1,606	29.88	78.2
1949	2,974	53.70	137.0	3,491	63.53	160.0	1,697	30.90	80.9
1950	3,070	58.09	146.7	3,597	67.97	169.5	1,759	33.26	86.4
1951	3,361	63.90	166.8	3,926	74.59	194.2	1,967	37.40	98.4
1952	3,572	67.63	174.8	3,999	78.53	200.8	2,415	40.87	107.8
Leather products:									
1946	–	37.93	88.0	–	45.12	101.4	–	23.66	58.7
1947	–	45.06	107.5	–	54.25	125.6	–	26.21	67.0
1948	2,898	47.20	114.0	3,409	56.83	133.7	1,684	28.08	71.6
1949	3,033	48.95	117.9	3,533	57.94	136.0	1,819	29.86	76.2
1950	3,103	51.36	124.7	3,640	61.26	145.2	1,838	30.92	78.9
1951	3,264	56.30	140.0	3,795	66.47	161.3	1,958	34.33	90.1
1952	3,396	58.74	145.4	3,864	69.22	168.0	2,326	35.35	92.1
Textile products (except clothing):									
1946	–	48.08	115.8	–	59.30	139.2	–	27.07	68.7
1947	–	50.19	121.8	–	62.82	149.2	–	27.53	69.9
1948	3,111	53.32	130.0	3,856	66.48	157.9	1,742	30.02	76.6
1949	3,199	53.69	130.9	3,884	65.47	156.2	1,864	31.46	80.2
1950	3,369	58.61	145.8	4,134	71.48	174.8	1,914	33.08	85.5
1951	3,655	65.41	164.3	4,465	79.67	196.7	2,063	36.78	95.8
1952	3,700	68.65	174.2	4,313	82.79	207.0	2,480	39.50	103.1
Clothing (textile and fur):									
1946	–	38.00	91.5	–	47.65	111.6	–	25.13	63.1
1947	–	44.91	110.1	–	57.75	137.5	–	28.30	72.2
1948	3,004	45.97	112.4	3,691	58.76	139.2	1,897	30.22	76.7
1949	3,132	48.04	118.3	3,817	60.25	144.5	2,031	32.08	82.0
1950	3,233	51.12	127.8	3,964	64.27	157.1	2,057	33.33	86.1
1951	3,375	57.54	145.7	4,157	72.45	179.3	2,116	36.85	96.2
1952	3,561	60.73	153.7	4,136	76.11	188.9	2,639	38.74	100.9
Wood products:									
1946	–	42.65	97.6	–	50.08	110.8	–	24.92	62.0
1947	–	50.11	117.6	–	58.70	134.0	–	27.43	69.2
1948	1,727	51.99	122.6	1,853	60.46	138.6	917	29.93	76.1
1949	1,905	54.15	127.7	2,038	62.56	143.8	1,015	31.14	79.0
1950	2,079	56.92	136.5	2,227	65.90	154.7	1,109	32.85	83.8
1951	2,250	64.48	155.4	2,407	74.34	174.9	1,204	37.16	96.0
1952	2,366	67.77	163.3	2,505	77.06	180.9	1,435	38.83	101.1

TABLE 40. Average Annual, Weekly and Hourly Earnings of Supervisory and Office Employees in the Manufacturing Industries, by Industrial Groups, 1946-52 — Continued

Year and Group	All employees			Male employees			Female employees		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	$	$	cents	$	$	cents	$	$	cents
Paper products:									
1946	—	52.29	127.8	—	62.49	150.2	—	27.45	69.7
1947	—	59.44	149.0	—	70.72	175.0	—	31.33	81.1
1948	3,475	62.64	155.8	4,069	73.69	181.0	1,921	34.82	90.0
1949	3,679	65.57	164.3	4,354	77.41	191.6	1,964	34.88	90.8
1950	3,866	68.96	176.4	4,576	81.14	204.9	2,009	35.64	94.3
1951	4,338	79.57	204.6	5,147	93.92	239.0	2,224	40.60	106.8
1952	4,618	83.19	216.6	5,318	97.11	250.9	2,803	43.80	117.1
Printing, publishing and allied industries:									
1946	—	37.07	92.9	—	45.76	112.7	—	24.30	62.3
1947	—	41.86	106.0	—	50.21	125.5	—	26.84	69.3
1948	2,400	43.75	112.2	2,860	53.76	136.4	1,533	28.82	75.2
1949	2,368	46.55	120.3	2,879	57.12	145.7	1,526	30.30	80.1
1950	2,500	50.71	132.7	3,040	61.75	161.2	1,602	32.56	85.7
1951	2,749	57.20	149.7	3,352	69.61	180.8	1,773	36.83	97.4
1952	3,003	61.13	161.3	3,498	74.67	196.5	2,200	38.48	102.3
Iron and steel products:									
1946	—	50.14	122.6	—	52.88	127.4	—	25.43	64.7
1947	—	50.22	124.9	—	59.60	146.1	—	27.92	72.3
1948	2,865	53.41	133.2	3,358	63.09	155.0	1,617	30.35	78.6
1949	3,095	55.77	140.1	3,574	65.17	161.7	1,762	32.13	83.7
1950	3,215	59.71	151.2	3,715	69.29	173.7	1,817	33.91	88.5
1951	3,635	67,65	173.0	4,195	78.15	197.3	2,056	38.30	101.0
1952	3,879	71.71	183.4	4,369	82.53	208.9	2,473	40.62	106.9
Transportation equipment:									
1946	—	50.14	118.8	—	57.95	135.4	—	28.08	69.3
1947	—	55.47	134.9	—	64.15	154.2	—	30.62	77.1
1948	3,087	59.72	143.5	3,494	68.03	161.6	1,768	34.44	85.7
1949	3,277	62.04	149.5	3,713	71.01	169.5	1,827	34.95	87.1
1950	3,521	66.98	161.8	3,980	76.07	182.0	1,998	38.21	96.0
1951	3,733	71.39	174.1	4,214	80.85	195.8	2,162	41.51	104.0
1952	3,909	77.61	186.1	4,346	87.79	206.6	2,516	44.92	114.6
Non-ferrous metal products:									
1946	—	47.22	113.5	—	57.07	134.6	—	27.71	69.1
1947	—	54.49	133.2	—	64.87	155.9	—	30.41	77.6
1948	2,921	57.70	140.7	3,426	68.57	164.4	1,644	32.91	84.1
1949	3,189	60.25	147.3	3,776	71.43	170.9	1,794	33.95	87.5
1950	3,349	63.55	159.3	3,938	74.95	184.6	1,855	35.27	92.1
1951	3,585	73.63	185.9	4,188	85.63	213.0	1,968	40.21	105.5
1952	3,870	78.70	201.8	4,402	90.39	229.4	2,373	42.39	112.1
Electrical apparatus and supplies:									
1946	—	45.46	114.8	—	54.74	136.5	—	27.68	71.7
1947	—	50.08	125.5	—	60.51	149.0	—	29.66	76.8
1948	2,767	52.96	135.8	3,267	62.39	158.7	1,735	33.14	86.5
1949	2,990	55.15	141.4	3,489	64.32	163.6	1,877	34.58	90.3
1950	3,083	58.61	151.8	3,608	68.11	175.5	1,905	35.99	94.7
1951	3,468	64.82	167.1	4,055	75.51	192.1	2,060	38.37	102.0
1952	3,691	70.83	184.0	4,170	81.92	211.1	2,527	42.95	114.2
Non-metallic mineral products:									
1946	—	43.29	104.5	—	50.47	119.3	—	25.96	66.2
1947	—	50.43	123.3	—	58.09	140.6	—	29.76	74.4
1948	2,642	53.45	132.0	3,005	62.03	150.2	1,512	31.22	81.7
1949	2,837	53.94	135.2	3,218	62.87	154.1	1,635	31.96	84.5
1950	2,970	58.29	146.8	3,388	67.41	167.3	1,701	33.85	89.1
1951	3,297	66.34	168.8	3,793	76.94	192.8	1,904	38.61	102.7
1952	3,511	71.45	186.1	3,951	82.48	211.5	2,276	41.15	111.8

TABLE 40. Average Annual, Weekly and Hourly Earnings of Supervisory and Office Employees in the Manufacturing Industries, by Industrial Groups, 1946-52 — Concluded

Year and Group	All employees			Male employees			Female employees		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	$	$	cents	$	$	cents	$	$	cents
Products of petroleum and coal:									
1946	—	47.66	120.6	—	54.05	135.4	—	26.33	68.9
1947	—	55.06	141.9	—	61.43	157.1	—	32.07	86.0
1948	2,925	59.97	157.0	3,258	66.31	172.2	1,753	35.68	96.2
1949	3,100	61.40	161.6	3,490	68.49	177.4	1,769	34.70	96.1
1950	3,260	65.59	178.7	3,662	72.64	194.2	1,941	38.52	113.0
1951	3,662	74.52	194.1	4,147	81.92	211.7	2,161	42.72	115.1
1952	4,092	95.23	259.5	4,620	108.63	293.6	2,504	51.57	143.6
Chemicals and allied products:									
1946	—	43.88	111.1	—	55.92	139.8	—	27.08	69.8
1947	—	49.19	126.1	—	62.01	157.0	—	30.28	79.0
1948	2,801	51.60	133.0	3,394	63.56	161.7	1,731	32.41	85.3
1949	2,883	54.89	141.8	3,481	67.30	171.7	1,782	34.46	91.1
1950	3,035	59.87	156.3	3,671	71.22	183.6	1,858	36.05	96.1
1951	3,379	66.37	171.9	4,061	78.79	202.5	2,079	40.31	106.1
1952	3,626	71.48	186.1	4,205	84.46	218.2	2,527	42.95	113.3
Miscellaneous industries:									
1946	—	39.89	92.5	—	51.41	122.7	—	25.62	66.2
1947	—	45.34	108.2	—	61.81	150.0	—	29.22	75.7
1948	2,036	48.42	116.1	3,148	61.75	149.9	1,587	31.15	81.5
1949	2,179	50.47	124.6	3,435	63.44	154.3	1,700	31.43	83.6
1950	3,059	54.51	136.3	3,685	66.78	173.9	1,865	33.78	88.0
1951	3,246	60.89	156.5	3,960	75.50	188.3	1,925	36.73	99.3
1952	3,436	66.57	173.8	3,962	80.66	204.2	2,413	40.57	113.0

Note. Average annual earnings cannot be calculated without a recompilation of the figures for 1946 and 1947 on the new standard classification basis.

A survey of weekly earnings of supervisory and office employees, classified into (a) managerial and professional employees and (b) office workers was undertaken for the first time in 1951, and it is intended to repeat this survey every third year in the future. According to Table 41 below, weekly earnings for both sexes in 1951 averaged $98.38 for managerial and professional employees and $51.14 for office workers. Newfoundland with $116.20 for both sexes was the highest paying province as regards managerial and professional employees, while British Columbia with $55.75 was the highest paying province for office workers.

In the managerial classification, male employees in the paper products group with $126.91 per week were the highest paid, followed by textile products (except clothing) with $105.45, transportation equipment $104.51, iron and steel products $102.32, non-ferrous metal products $101.79, products of petroleum and coal $101.13, etc. Employees in the tobacco products group with $86.56 were the lowest. In the same category, female employees of the transportation equipment group with $60.71 were the highest, while female employees in the miscellaneous industries group with $52.44 were the lowest paid.

In the office workers classification, the male employees in the tobacco products group received the highest weekly earnings of $70.18 while male employees in the printing, publishing and allied industries group received the lowest earnings of $53.89. In the case of female employees tobacco products ranked first with $41.53 and leather products last with $33.56.

TABLE 41. Average Weekly Earnings of the Supervisory and Office Employees in the Manufacturing Industries of Canada, Classified on the Basis of (a) Managerial and Professional Employees and (b) Office Workers, by Province and Industrial Group, 1951

—	All supervisory and office employees			Managerial and professional employees			Office workers		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Province	$	$	$	$	$	$	$	$	$
Newfoundland	62.04	70.71	30.80	116.20	121.37	—	47.02	52.93	30.19
Prince Edward Island	46.90	55.98	26.75	—	—	—	—	—	—
Nova Scotia	58.43	67.83	31.95	88.62	89.34	—	49.00	57.87	31.66
New Brunswick	57.65	68.64	31.72	93.40	93.54	—	44.96	53.97	31.51
Quebec	64.67	75.77	37.32	99.57	101.30	56.35	50.04	58.82	36.54
Ontario	67.29	79.67	39.49	98.81	100.13	57.80	52.02	62.44	38.86
Manitoba	60.57	70.20	35.06	87.91	88.56	—	47.28	55.69	34.53
Saskatchewan	56.35	64.97	37.25	79.53	79.98	—	44.73	51.31	36.97
Alberta	62.06	71.12	36.86	89.23	89.66	—	49.32	57.25	36.48
British Columbia	71.10	81.66	40.03	100.95	101.78	59.14	55.75	65.46	39.52
Canada	**65.98**	**77.55**	**38.42**	**98.38**	**99.73**	**57.04**	**51.14**	**60.68**	**37.77**

TABLE 41. Average Weekly Earnings of the Supervisory and Office Employees in the Manufacturing Industries of Canada, Classified on the Basis of (a) Managerial and Professional Employees and (b) Office Workers, by Province and Industrial Group, 1951 — Concluded

Industrial group	All supervisory and office employees			Managerial and professional employees			Office workers		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
	$	$	$	$	$	$	$	$	$
Foods and beverages	61.78	71.15	37.29	86.89	87.54	57.65	48.31	56.49	36.72
Tobacco and tobacco products	66.73	78.21	42.41	87.06	86.56	—	56.47	70.18	41.53
Rubber products	63.90	74.59	37.40	97.48	98.26	—	48.40	56.32	37.09
Leather products	56.30	66.47	34.33	90.22	91.58	—	45.78	53.97	33.56
Textile products (except clothing)	65.41	79.67	36.78	103.41	105.45	54.65	48.21	58.75	36.08
Clothing (textile and fur)	57.54	72.45	36.85	95.67	99.62	58.38	44.92	55.32	35.55
Wood products	64.48	74.34	37.16	96.70	97.48	59.47	52.56	61.33	36.69
Paper products	79.57	93.92	40.60	125.26	126.91	58.22	56.87	67.67	40.06
Printing, publishing and allied industries	57.20	69.61	36.83	90.05	93.55	54.20	45.02	53.89	35.65
Iron and steel products	67.65	78.15	38.30	101.60	102.32	58.37	53.99	63.14	37.94
Transportation equipment	71.39	80.85	41.51	104.15	104.51	60.71	57.79	66.15	41.32
Non-ferrous metal products	73.63	85.63	40.21	100.99	101.79	57.75	52.87	63.70	39.67
Electrical apparatus and supplies	64.82	75.51	38.37	96.41	97.51	57.99	52.67	62.06	37.83
Non-metallic mineral products	66.34	76.94	38.61	97.87	98.31	—	50.64	59.17	38.24
Products of petroleum and coal	74.52	81.92	42.72	99.87	101.13	—	56.48	63.15	40.72
Chemicals and allied products	66.37	78.79	40.31	93.97	95.77	55.44	47.81	56.55	39.41
Miscellaneous industries	60.89	75.50	36.73	95.30	97.11	52.44	45.96	56.66	36.20

Distribution of Employees on the Basis of Weekly Earnings. Manufacturers were required to classify their male and female employees into 16 groups of earnings, from $10 or less to $100 or more, rising by $5 intervals from $10 to $59.99, and by $10 intervals from $60 to $99.99. The 1950 survey which covered the last pay period in October made available data on the distribution of employees by earnings groups for the first time since the Census of Manufactures survey in January 1944. The data in the two surveys are not strictly comparable, largely because the earlier surveys included establishments employing less than 15 persons and were conducted for a different period of the year. Also the 1944 survey reflected wartime conditions.

Variation in the provincial distribution of employees by amounts earned are obviously related to pay levels, occupational and sex differences, number of casual and part-time workers, and length of the working week in the more important industries in each area. Most of the employees in the low-earnings ranges are casually-employed workers, or those who do not work full time in the week. Part-time work is particularly common among women; the 1949 survey showed that 12.8 p.c. of the female production workers reported in manufacturing worked 30 hours or less, as compared with 4.3 p.c. for men. Short-time or casual work is characteristic of such industries as fish processing and fruit and vegetable canning, the duration of employment depending on the immediate availability of materials.

The tremendous change in the level of incomes of factory workers since the war is strikingly illustrated in Table 42. Whereas in 1940 only 3 p.c. of male and none of the female production workers received $50 or more per week, in 1950 these percentages jumped to 52 and 54 respectively. The percentage of employees in the lower income groups declined accordingly. Whereas in 1940, 72 p.c. of male production workers received less than $30 per week, in 1950 the percentage declined to 8. For female production workers the percentage in these groups declined from 99 to 54.

For office workers information on the distribution by income groups is only available for 1944 and 1950. Earnings by office workers, too, advanced to unprecedented heights. The percentage of male office workers receiving $50 or more per week rose to 73 in 1950 from 39 in 1944, while for females the percentage in 1950 was 7 as compared with none in 1944. Tables 43 and 42 give the distribution by income groups of male and female production workers as well as office workers by provinces and major industrial groups for 1950.

TABLE 42. Distribution of Employees in the Manufacturing Industries, by Classes of Weekly Earnings, 1934-50[1]

Range of earnings	Male production workers					Female production workers					Male office employees		Female office employees	
	1934	1936	1940	1944	1950	1934	1936	1940	1944	1950	1944	1950	1944	1950
	p.c.													
Under $10.00	12	10	6	3	1	34	30	23	10	3	1	—	2	—
$10.00—$19.99	43	40	29	9	2	61	65	68	45	16	6	1	31	4
20.00— 29.99	32	35	37	25	5	4	4	8	33	35	13	5	52	27
30.00— 39.99	10	11	19	31	14	1	1	1	10	30	21	8	13	43
40.00— 49.99	2	3	6	20	26	—	—		2	12	20	13	2	19
50.00— 59.99	1	1	3	9	28	—	—	—	—	2	15	19	—	5
60.00— 69.99				2	14	—	—	—	—	2	9	17	—	1
70.00 and over				1	10	—	—	—	—	—	15	37	—	1
	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Average weekly earnings	$20.31	$20.92	$24.32	$34.95	$50.93	$11.80	$12.20	$13.52	$20.89	$29.00	$46.24	$69.35	$23.79	$34.38

1. Statistics for 1951 are not available. See text.

TABLE 43. Distribution of Employees in the Manufacturing Industries, by Classes of Weekly Earnings and by Sex and Province, 1950[1]

Province	Class range										Average weekly earnings
	Under $20.00	$20.00 to $29.99	$30.00 to $39.99	$40.00 to $49.99	$50.00 to $59.99	$60.00 to $69.99	$70.00 to $79.99	$80.00 to $89.99	$90.00 to $99.99	$100.00 and over	
	p.c.										$
Male production workers:											
Newfoundland[2]											50.85
Prince Edward Island[2]											35.97
Nova Scotia	4	14	22	27	20	8	3	1	1	–	42.98
New Brunswick	7	12	25	19	20	9	5	2	1	–	44.45
Quebec	4	8	18	27	23	11	5	2	1	1	48.15
Ontario	3	3	11	25	28	17	8	3	1	1	53.33
Manitoba	3	5	18	29	32	9	3	1	–	–	48.30
Saskatchewan	4	5	21	38	21	9	2	–	–	–	45.58
Alberta	3	4	16	36	29	8	3	1	–	–	47.09
British Columbia	3	2	6	23	41	15	6	2	1	1	53.34
Canada	**3**	**5**	**14**	**26**	**28**	**14**	**6**	**2**	**1**	**1**	**50.93**
Female Production workers:											
Newfoundland[2]											17.72
Prince Edward Island[2]											16.46
Nova Scotia	50	38	9	3	–	–	–	–	–	–	20.89
New Brunswick	39	32	20	8	1	–	–	–	–	–	24.01
Quebec	24	37	27	9	3	–	–	–	–	–	27.65
Ontario	14	33	34	15	3	1	–	–	–	–	30.69
Manitoba	20	46	23	8	2	1	–	–	–	–	27.56
Saskatchewan	15	35	32	18	–	–	–	–	–	–	29.17
Alberta	11	35	34	19	1	–	–	–	–	–	30.61
British Columbia	14	32	37	14	3	–	–	–	–	–	30.84
Canada	**19**	**35**	**30**	**12**	**2**	**1**	**–**	**1**	**–**	**–**	**29.00**
Male office employees:											
Newfoundland[2]											63.33
Prince Edward Island[2]											48.55
Nova Scotia	1	5	12	17	20	19	8	7	4	7	61.20
New Brunswick	1	8	15	16	20	14	9	5	4	8	61.40
Quebec	1	6	10	15	18	16	10	7	4	13	68.13
Ontario	–	3	7	13	19	18	13	9	5	13	71.40
Manitoba	1	5	12	18	20	15	12	5	3	9	62.42
Saskatchewan	–	6	13	19	23	16	9	4	4	6	58.13
Alberta	2	5	9	17	20	18	12	6	3	8	62.62
British Columbia	1	2	6	13	19	19	13	10	6	11	69.77
Canada	**1**	**5**	**8**	**13**	**19**	**17**	**12**	**8**	**5**	**12**	**69.35**
Female office employees:											
Newfoundland[2]											26.55
Prince Edward Island[2]											24.92
Nova Scotia	7	47	37	7	1	1	–	–	–	–	29.18
New Brunswick	11	49	30	8	2	–	–	–	–	–	28.71
Quebec	6	27	39	20	6	2	–	–	–	–	34.41
Ontario	4	26	45	20	4	1	–	–	–	–	34.84
Manitoba	3	42	39	12	3	1	–	–	–	–	32.01
Saskatchewan	1	36	49	11	2	1	–	–	–	–	32.34
Alberta	4	32	47	13	3	1	–	–	–	–	32.47
British Columbia	4	23	47	19	5	1	1	–	–	–	35.23
Canada	**4**	**27**	**43**	**19**	**5**	**1**	**1**	**–**	**–**	**–**	**34.38**

1. Statistics for 1951 are not available. See text.
2. Breakdown by class range not available.

TABLE 44. Distribution of Employees in the Manufacturing Industries, by Classes of Weekly Earnings and by Sex and Industrial Group, 1950[1]

Group	Class range										Average weekly earnings
	Under $20.00	$20.00 to $29.99	$30.00 to $39.99	$40.00 to $49.99	$50.00 to $59.99	$60.00 to $69.99	$70.00 to $79.99	$80.00 to $89.99	$90.00 to $99.99	$100.00 and over	
	p.c.										$
Male production workers:											
Food and beverages	5	7	19	32	24	9	3	1	–	–	45.84
Tobacco and tobacco products	4	4	12	41	21	15	2	1	–	–	48.33
Rubber	1	4	9	23	32	19	7	3	1	1	53.97
Leather products	12	16	24	27	15	5	1	–	–	–	38.96
Textile products (except clothing)	3	7	28	33	19	7	2	1	–	–	44.17
Clothing (textile and fur)	7	13	21	21	16	11	6	3	1	1	46.35
Wood products	5	10	23	26	25	7	2	1	1	–	44.48
Paper products	3	2	7	17	33	19	10	5	2	2	57.77
Printing, publishing and allied industries	5	9	12	12	15	18	13	7	4	5	57.64
Iron and steel products	2	3	9	29	30	15	7	3	1	1	53.18
Transportation equipment	1	2	9	22	33	18	10	3	1	1	55.67
Non-ferrous metal products	3	3	10	24	36	18	4	1	1	–	52.51
Electrical apparatus and supplies	2	3	8	26	28	19	9	3	1	1	55.03
Non-metallic mineral products	3	3	14	31	30	13	5	1	–	–	50.26
Products of petroleum and coal	–	–	4	21	38	26	7	2	1	1	56.09
Chemicals and allied products	1	3	13	32	33	12	4	1	1	–	50.54
Miscellaneous industries	4	10	24	28	21	8	3	1	1	–	44.48
All groups	**3**	**5**	**14**	**26**	**28**	**14**	**6**	**2**	**1**	**1**	**50.93**
Female production workers:											
Foods and beverages	28	40	25	7	–	–	–	–	–	–	25.35
Tobacco and tobacco products	4	14	48	26	8	–	–	–	–	–	36.83
Rubber products	10	20	41	24	4	1	–	–	–	–	34.23
Leather products	33	42	20	4	1	–	–	–	–	–	24.20
Textile products (except clothing)	11	30	43	13	3	–	–	–	–	–	31.49
Clothing (textile and fur)	24	42	23	8	2	1	–	–	–	–	26.75
Wood products	17	37	25	16	4	1	–	–	–	–	30.34
Paper products	17	39	34	9	1	–	–	–	–	–	28.71
Printing, publishing and allied industries	25	36	30	7	1	1	–	–	–	–	26.80
Iron and steel products	8	25	38	23	5	1	–	–	–	–	34.28
Transportation equipment	9	13	30	36	9	3	–	–	–	–	37.91
Non-ferrous metal products	20	34	26	14	4	1	–	1	–	–	29.88
Electrical apparatus and supplies	5	19	38	28	7	2	–	1	–	–	37.14
Non-metallic mineral products	14	32	31	20	3	–	–	–	–	–	31.32
Products of petroleum and coal[2]											
Chemicals and allied products	17	45	27	10	1	–	–	–	–	–	28.07
Miscellaneous industries	16	43	28	11	2	–	–	–	–	–	28.83
All groups	**19**	**35**	**30**	**12**	**2**	**1**	**–**	**1**	**–**	**–**	**29.00**
Male office employees:											
Foods and beverages	1	5	10	18	22	17	9	6	3	9	64.05
Tobacco and tobacco products	–	3	9	19	24	17	10	6	3	9	67.18
Rubber products	–	3	10	13	19	21	12	7	5	10	67.97
Leather products	2	6	14	18	20	15	8	4	2	11	61.26
Textile products (except clothing)	1	6	8	13	20	16	11	7	4	14	71.48
Clothing (textile and fur)	4	10	11	15	15	13	9	5	3	15	64.27
Wood products	1	3	9	16	20	17	11	8	5	10	65.90
Paper products	–	3	5	11	17	15	11	10	7	21	81.14
Printing, publishing and allied industries	5	9	13	16	15	12	9	6	4	11	61.75
Iron and steel products	1	3	8	15	19	18	12	8	5	11	69.29
Transportation equipment	–	2	5	10	15	18	18	12	6	14	76.07
Non-ferrous metal products	–	2	5	10	17	22	14	9	7	14	74.95
Electrical apparatus and supplies	–	2	6	14	22	20	13	8	5	10	68.11
Non-metallic mineral products	–	3	9	15	22	18	12	6	4	11	67.41
Products of petroleum and coal	–	1	5	12	21	16	13	13	7	12	72.64
Chemicals and allied products	–	3	8	14	19	18	11	9	5	13	71.22
Miscellaneous industries	1	5	11	16	19	16	10	6	4	12	66.78
All groups	**1**	**5**	**8**	**13**	**19**	**17**	**12**	**8**	**5**	**12**	**69.35**
Female office employees:											
Foods and beverages	6	29	43	17	4	1	–	–	–	–	32.92
Tobacco and tobacco products	2	17	33	39	8	1	–	–	–	–	39.48
Rubber products	3	29	49	15	3	1	–	–	–	–	33.26
Leather products	11	38	32	15	3	1	–	–	–	–	30.92
Textile products (except clothing)	4	33	42	14	5	1	–	1	–	–	33.08
Clothing (textile and fur)	9	32	33	17	5	2	1	–	–	1	33.33
Wood products	8	31	39	16	4	1	1	–	–	–	32.85
Paper products	4	23	42	23	6	2	–	–	–	–	35.64
Printing, publishing and allied industries	6	36	38	13	4	2	1	–	–	–	32.56
Iron and steel products	3	28	46	17	4	2	–	–	–	–	33.91
Transportation equipment	–	17	42	30	9	2	–	–	–	–	38.21
Non-ferrous metal products	3	24	46	21	5	1	–	–	–	–	35.27
Electrical apparatus and supplies	1	21	50	22	5	1	–	–	–	–	35.99
Non-metallic mineral products	2	31	46	17	3	1	–	–	–	–	33.85
Products of petroleum and coal	1	14	47	29	6	2	1	–	–	–	38.52
Chemicals and allied products	2	19	49	22	6	1	1	–	–	–	36.05
Miscellaneous industries	4	27	46	17	4	2	–	–	–	–	33.78
All groups	**4**	**27**	**43**	**19**	**5**	**1**	**1**	**–**	**–**	**–**	**34.38**

1. Statistics for 1951 are not available. See text.
2. Not available.

Real Earnings of Employees in Recent Years. When the index number representing the average yearly earnings of production workers is divided by the consumer price index, on the same base, a mesure of "real" income is obtained. Index numbers for 1931 to 1952 are given in Table 45. In 1933, the height of the depression, real earnings were 63.9 on the 1949 base. From then on they rose steadily and stood at 101.5 in 1944, an increase of about 59 p.c. In 1946 real earnings dropped to 94.6 and rose again to 110.0 in 1952.

TABLE 45. Average Yearly Earnings, and Index Numbers of Earnings, Consumer Price Index and Real Earnings of Production Workers in the Manufacturing Industries, 1931-52

Year	Payments to production workers	Average number employed	Average yearly earnings	Index numbers (1949 100)		
				Average yearly earnings	Consumer price index	Real value of average yearly earnings
	$	No.	$			
1931	415,277,895	437,149	950	46.0	67.9	67.7
1932	322,245,926	381,783	844	40.8	61.7	66.1
1933	296,929,878	382,022	777	37.6	58.8	63.9
1934	355,090,929	427,717	830	40.2	59.6	67.4
1935	399,012,697	458,734	870	42.1	59.9	70.3
1936	438,873,377	489,942	896	43.3	61.1	70.9
1937	525,743,562	544,624	965	46.7	63.0	74.1
1938	498,282,208	521,427	956	46.3	63.7	72.7
1939	519,971,819	533,342	975	47.2	63.2	74.7
1940	679,273,104	626,484	1,084	52.4	65.7	79.8
1941	978,525,782	802,234	1,220	59.0	69.6	84.8
1942	1,347,934,049	974,904	1,383	66.9	72.9	91.8
1943	1,598,434,879	1,047,873	1,525	73.8	74.2	99.5
1944	1,611,555,776	1,030,324	1,564	75.7	74.6	101.5
1945	1,427,915,830	928,665	1,538	74.4	75.0	99.2
1946	1,329,811,478	877,150	1,516	73.3	77.5	94.6
1947	1,611,232,166	940,650	1,713	82.9	84.8	97.8
1948	1,876,773,231	957,491	1,960	94.8	97.0	97.7
1949	1,963,462,720	949,656	2,067	100.0	100.0	100.0
1950	2,078,634,086	952,244	2,183	105.6	102.9	102.6
1951	2,459,566,313	1,010,588	2,434	117.8	113.7	103.6
1952	2,713,714,909	1,025,355	2,647	128.1	116.5	110.0

Percentages of Salaries and Wages to Net Value of Products. Table 46 shows the relation between salaries and wages paid by manufacturers and the total net value of production. Figures of gross production are often used in such calculations, but the values out of which the wages of employees must come in the long run are the values added to the raw materials while they are in the factory. Such added values constitute the real production of the manufacturing plant and are alone available for payment of salaries and wages, interest, rent, taxes, repairs and all other overhead charges that ordinarily must be met. The percentage of salaries declined steadily with the increasing manufacturing production from 1924 to 1929, while from 1931 to 1935 and again in 1938 and 1939, due to decreased industrial activity, the percentage of salaries to value added was above normal. It should be borne in mind, however, that salaried employees increased 305 p.c. during the period 1917-52 while wage-earners increased 89 p.c. The percentage of wages has fluctuated much less than that of salaries. The number of wage-earning employees may be more rapidly adjusted to the activity of the industry and wage levels likewise may be more readily adjusted to the price levels of the products. Of the increase in the net value of production since 1939 amounting to $5,912,481,298, $2,899,809,007 or 49 p.c. was passed along in increased salaries and wages.

TABLE 46. Percentages of Salaries and Wages Paid to the Value Added by Manufacture, Significant Years, 1917-52

Year	Value added by manufacture	Payments to		Percentages		
		Supervisory and office workers	Production workers	Office payments to value added	Production payments to value added	Total payments to value added
	$	$	$	p.c.	p.c.	p.c.
1917	1,281,131,980	85,353,667	412,448,177	6.7	32.2	38.9
1920	1,621,273,348	141,837,361	575,656,515	8.7	35.5	44.2
1921	1,123,694,263	130,094,076	367,305,685	11.6	32.7	44.3
1926	1,305,168,549	142,353,900	483,328,342	10.9	37.0	47.9
1929	1,755,386,937	175,553,710	601,737,507	10.0	34.3	44.3
1933	919,671,181	139,317,946	296,929,878	15.1	32.3	47.4
1937	1,508,924,867	195,983,475	525,743,562	13.0	34.8	47.8
1939	1,531,051,901	217,839,334	519,971,819	14.2	34.0	48.2

1. Equivalent to "net value of products", see footnote 1, Table 1.

TABLE 46. Percentages of Salaries and Wages Paid to the Total Value Added by Manufacture, Significant Years, 1917-52 – Concluded

Year	Value added by manufacture	Payments to		Percentages		
		Supervisory and office workers	Production workers	Office payments to value added	Production payments to value added	Total payments to value added
	$	$	$	p.c.	p.c.	p.c.
1944	4,015,776,010	418,065,594	1,611,555,776	10.4	40.2	50.6
1945	3,564,315,899	417,857,619	1,427,915,830	11.7	40.1	51.8
1946	3,467,004,980	410,875,776	1,329,811,478	11.8	38.4	50.2
1947	4,292,055,802	474,693,800	1,611,232,166	11.0	37.6	48.6
1948	4,938,786,981	532,594,959	1,876,773,231	10.8	38.0	48.8
1949	5,330,566,434	628,427,937	1,963,462,720	11.8	36.8	48.6
1950	5,942,058,229	692,633,349	2,078,634,086	11.6	35.0	46.6
1951	6,940,946,783	816,714,604	2,459,566,313	11.8	35.4	47.2
1952	7,443,533,199	923,905,251	2,713,714,909	12.4	36.5	48.9

1. Equivalent to "net value of products", see footnote 1, Table 1.

Subsection 6. Size of Manufacturing Establishments

The size of the manufacturing establishment is generally measured either by the value of product or by the number of employees, but each of these methods has its limitations. The latter takes no account of the differences in capital equipment at different times or in various industries and obviously the increased use of machinery, as in the flour-milling industry, may lead to an increase in production concurrently with a decrease in number of employees. The former measure has to be adjusted for changes in the price level and, as between industries, it makes those in which the cost of raw materials is relatively high appear to operate on a larger scale.

Size as Measured by Gross Value of Products. While in 1922 the 420 establishments each producing over $1,000,000 had an aggregate value of products of $1,268,056,129 or 51 p.c. of the total production of all manufacturing industries, the 719 establishments producing over $1,000,000 each in 1929 had an aggregate value of products of $2,516,064,954, or 62 p.c. of the grand total for all manufacturing establishments – a very significant change in the short period of eight years. In 1931, however, the number of plants with a production of over $1,000,000 dropped again to 482, their output being valued at $1,451,658,954, or 53 p.c. of the total. With the increased production resulting from war needs, the number of plants with a production of $1,000,000 or over jumped to 1,376 in 1944 and their output was about 75 p.c. of the total value of manufactures. With the end of the war and the consequent decline in production of the huge war plants the number of establishments with a production of $1,000,000 or over, although increasing to 1,442 in 1946, nevertheless saw a decline in the proportion of their output to 67 p.c. of the total. With increased prices and an expansion in the physical volume of production during 1947 to 1952, establishments with a production of $1,000,000 or over increased to 2,397 while their contribution to the total output rose to 78 p.c.

TABLE 47. Manufacturing Establishments Classified According to Gross Value of Products 1929, 1939, 1944 and 1952

Group of gross values	1929[1]			1939[2]		
	Establishments	Total production	Average per establishment	Establishments	Total production	Average per establishment
	No.	$	$	$	$	$
Under $25,000	14,024	106,735,470	7,611	15,623	120,903,054	7,739
$ 25,000 but under $ 50,000	2,802	99,529,725	35,521	2,803	99,558,383	35,519
50,000 " 100,000	2,209	156,308,744	70,760	2,215	156,410,769	70,614
100,000 " 200,000	1,688	237,532,492	140,718	1,584	225,582,130	142,413
200,000 " 500,000	1,519	504,218,217	331,941	1,285	390,626,844	303,990
500,000 " 1,000,000	636	443,597,677	697,481	689	466,441,130	676,983
1,000,000 " 5,000,000	601	1,217,866,089	2,026,400	520	1,091,293,939	2,098,642
5,000,000 and over	118	1,298,198,865	11,001,685	81	923,724,311	11,404,004
Totals and averages	**23,597**	**4,063,987,279**	**172,225**	**24,800**	**3,474,540,560**	**140,102**
	1944			1952[3]		
Under $25,000	13,942	128,782,147	9,237	16,123	147,968,877	9,177
$ 25,000 but under $ 50,000	4,011	143,023,914	35,658	5,116	183,103,579	35,790
50,000 " 100,000	3,442	245,273,500	71,259	4,834	346,482,743	71,676
100,000 " 200,000	2,513	355,235,489	141,359	3,939	559,681,909	142,087
200,000 " 500,000	2,256	714,546,348	316,731	3,759	1,188,144,845	316,080
500,000 " 1,000,000	943	661,670,696	701,666	1,761	1,230,769,856	698,903
1,000,000 " 5,000,000	1,089	2,294,546,053	2,107,021	1,839	3,936,369,518	2,140,494
5,000,000 and over	287	4,530,614,372	15,786,113	558	9,390,165,708	16,828,254
Totals and averages	**28,483**	**9,073,692,519**	**318,565**	**37,929**	**16,982,687,035**	**447,749**

1. Includes central electric stations and dyeing, cleaning and laundry establishments.
2. Exclusive of Yukon and the Northwest Territories.
3. Includes Newfoundland.

TABLE 48. Manufacturing Establishments Classified According to Selling Value of Factory Shipments, by Industrial Group, 1952

Industrial group, by size	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
Foods and Beverages:						
Under $25,000	2,685	6,433	7,613,642	1,462,142	17,495,952	30,653,898
$ 25,000 to $ 49,999	1,370	6,549	9,875,617	1,621,954	32,272,135	49,449,464
50,000 " 99,999	1,313	9,076	15,348,680	2,504,368	65,215,669	94,815,512
100,000 " 199,999	1,105	11,993	21,983,043	3,385,225	109,878,642	156,337,306
200,000 " 499,999	855	19,178	38,654,885	5,126,814	179,407,441	265,645,679
500,000 " 999,999	390	18,897	42,107,331	5,099,132	171,444,470	276,071,696
1,000,000 " 4,999,999	422	51,832	133,583,108	14,420,886	575,576,368	923,370,147
5,000,000 and over	123	49,888	152,821,881	13,852,790	1,181,798,377	1,676,173,248
Head Offices[1]	–	1,706	7,661,868	10,427	–	–
Totals	**8,263**	**175,552**	**429,650,055**	**47,483,738**	**2,333,089,054**	**3,472,516,950**
Tobacco and Tobacco Products:						
Under $25,000	23	86	103,216	5,703	124,545	267,712
$ 25,000 to $ 49,999	3					
50,000 " 99,999	2	206	355,340	9,506	454,419	1,004,990
100,000 " 199,999	6					
200,000 " 499,999	3	176	285,595	14,235	796,643	1,202,966
500,000 " 999,999	3	361	710,453	24,867	1,690,101	2,581,334
1,000,000 " 4,999,999	9	1,563	3,729,465	85,911	14,797,710	22,688,585
5,000,000 and over	12	6,882	20,208,528	459,368	126,674,252	188,168,783
Head Offices[1]	–	3	12,475	–	–	–
Totals	**61**	**9,277**	**25,405,072**	**599,590**	**144,537,670**	**215,914,370**
Rubber Goods:						
Under $25,000	10	30	57,317	2,303	35,784	90,221
$ 25,000 to $ 49,999	5	53	89,005	4,530	91,796	162,223
$ 50,000 " $ 99,999	7	111	300,044	23,051	267,304	766,657
100,000 " 199,999	2					
200,000 " 499,999	13	486	1,166,749	85,437	1,690,061	4,444,673
500,000 " 999,999	5	372	978,760	86,254	1,581,923	3,493,040
1,000,000 " 4,999,999	15	4,301	12,045,809	630,432	18,116,387	40,681,835
5,000,000 and over	13	16,106	50,430,952	2,530,267	99,016,040	237,015,980
Head Offices[1]	–	123	409,047	–	–	–
Totals	**70**	**21,582**	**65,477,683**	**3,362,274**	**120,799,295**	**286,654,629**
Leather Products:						
Under $25,000	164	474	622,332	29,836	812,154	1,661,760
$ 25,000 to $ 49,999	85	675	1,069,018	34,660	1,562,714	3,129,230
50,000 " 99,999	90	1,218	2,246,197	70,466	3,269,316	6,424,372
100,000 " 199,999	94	2,330	4,159,957	114,401	6,564,873	13,228,301
200,000 " 499,999	141	7,002	13,399,966	310,401	22,097,826	43,091,659
500,000 " 999,999	70	7,437	15,326,870	342,896	24,245,338	47,634,135
1,000,000 " 4,999,999	56	12,967	29,329,150	1,072,615	57,162,284	104,031,472
5,000,000 and over	1					
Totals	**701**	**32,103**	**66,153,490**	**1,975,275**	**115,714,505**	**219,200,929**
Textile Products (Except Clothing):						
Under $25,000	211	738	1,072,564	45,166	752,682	2,366,180
$ 25,000 to 49,999	110	972	1,634,603	68,971	1,281,803	3,884,619
50,000 " 99,999	125	1,778	3,404,868	151,441	3,449,092	9,023,987
100,000 " 199,999	112	2,045	4,209,850	279,894	8,512,950	16,097,237
200,000 " 499,999	123	4,722	10,167,829	720,744	22,562,145	40,725,221
500,000 " 999,999	86	5,756	13,079,238	848,296	38,061,317	60,923,235
1,000,000 " 4,999,999	122	26,305	64,387,338	4,580,490	162,611,353	277,120,052
5,000,000 and over	29	28,540	72,460,186	6,296,691	181,291,176	334,001,114
Head Offices[1]	–	1,883	8,272,990	–	–	–
Totals	**918**	**72,739**	**178,689,466**	**12,991,693**	**418,522,518**	**744,141,645**
Clothing (Textile and Fur):						
Under $25,000	464	1,922	2,657,342	74,131	2,455,383	6,260,864
$ 25,000 to $ 49,999	369	2,972	5,166,199	107,632	5,992,052	13,629,651
50,000 " 99,999	533	7,226	13,448,738	215,216	17,964,832	38,592,822
100,000 " 199,999	571	12,171	24,488,983	378,754	41,905,368	82,329,753
200,000 " 499,999	681	29,702	59,588,250	895,000	112,078,064	214,377,654
500,000 " 999,999	268	22,488	46,169,362	735,769	99,774,301	182,307,407
1,000,000 " 4,999,999	149	36,035	77,307,567	1,486,558	144,242,835	276,801,164
5,000,000 and over	6	4,686	9,392,149	210,212	19,543,761	38,851,891
Head Offices[1]	–	466	2,321,082	–	–	–
Totals	**3,041**	**117,668**	**240,539,672**	**4,103,272**	**443,956,596**	**853,151,206**
Wood Products:						
Under $25,000	7,811	15,480	16,076,676	1,453,214	30,330,742	61,296,292
$ 25,000 to $ 49,999	1,522	8,488	13,954,815	1,055,689	27,541,202	53,576,385
50,000 " 99,999	1,226	12,169	22,899,821	1,672,763	44,460,046	86,337,050
100,000 " 199,999	790	14,400	30,720,355	1,980,434	56,614,119	111,140,939
200,000 " 499,999	677	23,527	56,772,303	2,827,561	111,986,517	211,801,393
500,000 " 999,999	243	17,641	44,540,555	1,797,821	89,316,092	168,342,744
1,000,000 " 4,999,999	183	27,428	77,793,822	3,005,783	184,481,047	337,385,952
5,000,000 and over	15	10,634	33,437,826	701,443	74,249,745	137,748,776
Head Offices[1]	–	701	3,234,808	–	–	–
Totals	**12,467**	**130,468**	**299,430,981**	**14,494,708**	**618,979,510**	**1,167,629,531**

1. Under this heading are included only those head offices which are not located at the plant.

TABLE 48. Manufacturing Establishments Classified According to Selling Value of Factory Shipments, by Industrial Group, 1952 — Continued

Industrial group, by size	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
Paper Products:						
Under $25,000	38	120	193,427	9,868	170,357	440,094
$ 25,000 to $ 49,999	30	240	423,941	31,101	528,036	1,111,291
50,000 " 99,999	56	696	1,343,393	57,065	1,802,037	4,053,806
100,000 " 199,999	67	1,334	2,688,515	157,700	4,569,573	9,546,187
200,000 " 499,999	88	3,527	8,008,015	495,861	14,285,331	29,884,571
500,000 " 999,999	58	3,486	9,144,299	813,747	20,707,307	40,521,018
1,000,000 " 4,999,999	132	18,623	55,288,138	7,942,466	163,884,851	299,051,276
5,000,000 and over	74	52,687	202,128,681	70,233,440	488,242,909	1,125,540,548
Head Offices[1]	—	2,252	13,463,874	—	—	—
Totals	**543**	**82,965**	**292,682,283**	**79,741,248**	**694,190,401**	**1,510,148,791**
Printing, Publishing and Allied Industries:						
Under $25,000	2,456	4,798	7,507,989	364,611	8,590,669	20,445,328
$ 25,000 to $ 49,999	605	4,143	8,728,169	249,405	7,502,442	21,272,272
50,000 " 99,999	431	5,164	13,099,533	291,815	10,494,611	30,739,789
100,000 " 199,999	266	5,842	15,822,376	321,164	11,928,216	36,745,511
200,000 " 499,999	190	8,831	24,796,435	489,466	17,800,427	59,382,011
500,000 " 999,999	98	9,111	27,531,781	569,804	19,607,740	67,300,753
1,000,000 " 4,999,999	67	17,036	53,072,461	992,038	50,058,863	153,231,609
5,000,000 and over	11	9,491	35,373,638	600,588	34,410,819	101,817,578
Head Offices[1]	—	69	318,333	—	—	—
Totals	**4,124**	**64,485**	**186,250,715**	**3,878,891**	**160,393,787**	**490,934,851**
Iron and Steel Products:						
Under $25,000	640	1,982	3,792,913	250,848	2,289,652	8,179,348
$ 25,000 to $ 49,999	396	2,782	6,247,343	317,006	4,430,185	14,333,466
50,000 " 99,999	382	4,655	12,090,759	557,167	8,822,491	27,666,544
100,000 " 199,999	335	6,868	19,422,391	809,698	17,318,699	48,783,934
200,000 " 499,999	363	14,713	42,138,183	1,629,237	44,025,427	114,645,665
500,000 " 999,999	169	12,685	38,163,941	2,087,301	47,074,728	119,915,587
1,000,000 " 4,999,999	254	55,866	177,646,676	8,194,525	230,264,993	570,814,870
5,000,000 and over	86	89,031	315,072,023	39,149,748	593,767,015	1,230,692,330
Head Offices[1]	—	609	2,436,695	—	—	—
Totals	**2,625**	**189,191**	**617,010,924**	**52,995,530**	**947,993,190**	**2,135,031,744**
Transportation Equipment:						
Under $25,000	218	563	876,408	45,234	643,779	1,838,602
$ 25,000 to $ 49,999	58	431	978,134	33,353	868,061	2,246,444
50,000 " 99,999	69	833	2,095,158	77,789	1,739,670	4,801,379
100,000 " 199,999	56	1,215	3,148,513	121,312	2,908,262	8,101,056
200,000 " 499,999	60	2,600	7,482,109	303,318	7,859,147	20,028,175
500,000 " 999,999	33	2,736	8,313,344	383,371	11,200,952	24,280,033
1,000,000 " 4,999,999	68	16,852	51,752,374	1,898,815	71,994,052	154,793,868
5,000,000 and over	55	121,098	398,328,845	13,018,457	912,256,647	1,587,610,266
Head Offices[1]	—	32	143,565	—	—	—
Totals	**617**	**146,360**	**473,118,450**	**15,881,649**	**1,009,470,570**	**1,803,699,823**
Non-ferrous Metal Products:						
Under $25,000	153	481	803,548	42,768	632,786	1,695,022
$ 25,000 to $ 49,999	58	389	806,194	31,998	741,996	2,036,946
50,000 " 99,999	87	1,006	2,419,828	111,413	2,708,477	6,339,952
100,000 " 199,999	79	1,525	3,673,456	131,132	5,068,506	11,436,737
200,000 " 499,999	65	2,769	7,114,766	319,880	9,220,367	20,827,733
500,000 " 999,999	33	2,274	6,168,699	315,066	10,543,858	22,761,448
1,000,000 " 4,999,999	52	11,964	35,576,990	3,285,788	67,412,674	129,614,294
5,000,000 and over	25	29,710	106,915,725	51,363,519	648,267,763	1,020,406,315
Head Offices[1]	—	820	3,565,878	—	—	—
Totals	**552**	**50,938**	**167,045,084**	**55,601,564**	**744,596,427**	**1,215,118,447**
Electrical Apparatus and Supplies:						
Under $25,000	58	145	242,409	10,972	281,761	641,153
$ 25,000 to $ 49,999	32	278	590,485	26,589	471,749	1,210,503
50,000 " 99,999	50	547	1,324,790	55,460	1,376,060	3,568,375
100,000 " 199,999	46	1,026	2,672,280	81,512	2,802,726	6,367,829
200,000 " 499,999	72	3,034	7,370,771	257,421	10,101,203	23,770,235
500,000 " 999,999	40	2,766	7,410,911	233,943	12,837,026	28,219,921
1,000,000 " 4,999,999	73	15,642	45,184,716	1,411,354	69,573,847	168,177,647
5,000,000 and over	30	44,603	148,208,605	4,149,116	216,268,798	483,917,679
Head Offices[1]	—	1,159	4,559,969	—	—	—
Totals	**401**	**69,200**	**217,564,936**	**6,226,367**	**313,713,170**	**715,873,342**
Non-metallic Mineral Products:						
Under $25,000	406	1,162	1,837,283	260,606	1,487,364	4,156,148
$ 25,000 to $ 49,999	143	937	1,939,381	259,773	1,803,760	5,123,287
50,000 " 99,999	144	1,623	3,733,173	493,728	3,541,668	10,315,394
100,000 " 199,999	110	2,200	5,432,187	1,086,206	4,761,932	15,785,550
200,000 " 499,999	113	4,455	11,880,100	3,184,640	10,076,385	36,687,532
500,000 " 999,999	62	3,428	10,323,537	3,228,725	15,624,417	41,908,823
1,000,000 " 4,999,999	68	10,719	34,063,769	12,846,493	51,056,346	146,435,515
5,000,000 and over	11	6,373	21,486,944	9,781,032	26,865,696	89,639,381
Head Offices[1]	—	525	2,122,545	—	—	—
Totals	**1,057**	**31,422**	**92,818,919**	**31,141,203**	**115,217,568**	**350,051,630**

1. Under this heading are included only those head offices which are not located at the plant.

TABLE 48. Manufacturing Establishments Classified According to Selling Value of Factory Shipments, by Industrial Group, 1952 — Concluded

Industrial group, by size	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
Products of Petroleum and Coal:						
Under $25,000	6	19	38,094	4,246	37,238	84,351
$ 25,000 to $ 49,999	7	26	59,373	4,781	112,502	265,141
50,000 " 99,999	5	33	105,417	20,454	208,193	410,028
100,000 " 199,999	13	123	382,428	34,661	1,154,737	2,021,668
200,000 " 499,999	11	322	827,205	137,145	1,441,440	3,265,892
500,000 " 999,999	11	368	1,141,193	324,975	3,475,368	7,225,070
1,000,000 " 4,999,999	17	1,430	4,502,764	1,114,335	25,669,336	42,006,870
5,000,000 and over	31	12,797	49,118,465	33,340,460	487,530,427	725,157,027
Head Offices[1]	—	1,787	7,398,234	—	—	—
Totals	**101**	**16,905**	**63,573,173**	**34,981,057**	**519,629,241**	**780,436,047**
Chemicals and Chemical Products:						
Under $25,000	291	623	990,791	69,899	1,077,735	2,814,154
$ 25,000 to $ 49,999	109	565	1,165,999	80,104	1,610,561	3,995,824
50,000 " 99,999	128	1,026	2,484,401	151,595	4,023,155	9,381,490
100,000 " 199,999	111	1,388	3,595,668	197,272	6,916,198	16,293,434
200,000 " 499,999	157	3,448	9,503,453	677,184	21,815,153	51,385,685
500,000 " 999,999	130	5,873	16,662,487	1,290,347	41,367,906	94,521,494
1,000,000 " 4,999,999	114	13,289	39,546,896	4,992,441	112,040,696	225,253,605
5,000,000 and over	35	19,830	67,575,302	17,197,040	168,967,356	392,916,548
Head Offices[1]	—	1,652	6,550,678	—	—	—
Totals	**1,075**	**47,694**	**148,075,675**	**24,655,882**	**357,818,760**	**796,562,234**
Miscellaneous Industries:						
Under $25,000	489	1,361	2,371,754	148,867	1,608,989	5,194,317
$ 25,000 to $ 49,999	214	1,463	3,168,729	175,740	2,557,587	7,560,266
50,000 " 99,999	186	2,342	5,281,973	244,222	4,907,978	13,422,534
100,000 " 199,999	176	3,629	8,196,944	557,130	8,873,102	24,284,529
200,000 " 499,999	147	6,109	13,601,916	490,255	20,717,634	46,978,101
500,000 " 999,999	62	5,009	12,878,173	540,756	17,255,425	42,762,118
1,000,000 " 4,999,999	38	9,678	27,897,644	710,431	31,629,517	85,419,001
5,000,000 and over	1					
Head Offices[1]	—	242	736,449	—	—	—
Totals	**1,313**	**29,833**	**74,133,582**	**2,867,401**	**87,550,232**	**225,620,866**

1. Under this heading are included only those head offices which are not located at the plant.

TABLE 49. Principal Statistics of the Twenty-Five Leading Manufacturing Industries Classified According to Selling Value of Factory Shipments, 1952

Industry and size group	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
1. Pulp and Paper:						
Under $25,000	1	24	54,611	19,079	24,189	94,929
$ 25,000 to $ 49,999	2					
50,000 " 99,999	2	111	246,119	64,441	251,337	654,521
100,000 " 199,999	3					
200,000 " 499,999	9	413	1,038,419	258,499	1,291,936	3,300,261
500,000 " 999,999	9	436	1,316,882	439,064	2,568,072	6,109,058
1,000,000 " 4,999,999	39	6,455	21,325,994	6,302,183	52,192,213	105,882,730
5,000,000 and over	63	48,401	189,250,978	69,656,491	440,719,081	1,041,846,158
Head Offices[1]	—	1,963	12,120,324	—	—	—
Totals	**128**	**57,803**	**225,353,327**	**76,739,757**	**497,046,828**	**1,157,887,657**
2. Slaughtering and Meatpacking:						
Under $25,000	1	9	19,650	2,900	86,407	109,041
$ 25,000 to $ 49,999	2					
50,000 " 99,999	13	62	115,540	22,952	696,807	949,504
100,000 " 199,999	11	82	181,702	24,949	1,427,405	1,683,204
200,000 " 499,999	31	402	914,554	94,420	8,026,426	9,733,084
500,000 " 999,999	19	516	1,055,019	142,235	11,385,894	14,206,934
1,000,000 " 4,999,999	35	2,136	6,044,708	496,938	71,977,406	84,944,648
5,000,000 and over	42	19,657	63,046,840	3,860,531	606,769,606	752,149,740
Totals	**154**	**22,864**	**71,378,013**	**4,644,925**	**700,369,951**	**863,776,155**
3. Non-ferrous Metal Smelting and Refining:						
Under $5,000,000	3	1,532	4,195,988	1,554,209	9,238,610	13,412,831
$5,000,000 and over	14	23,076	83,768,307	49,017,243	510,542,621	823,661,234
Totals	**17**	**24,608**	**87,964,295**	**50,571,452**	**519,781,231**	**837,074,065**
4. Motor Vehicles:						
$ 500,000 to $ 999,999	3	257	762,050	41,455	1,857,130	2,566,063
1,000,000 " 4,999,999	9	1,277	3,693,349	155,489	9,097,348	15,426,634
5,000,000 and over	7	29,568	109,151,672	2,584,368	486,519,619	749,362,287
Totals	**19**	**31,102**	**113,607,071**	**2,781,312**	**497,474,097**	**767,354,984**

TABLE 49. Principal Statistics of the Twenty-Five Leading Manufacturing Industries Classified According to Selling Value of Factory Shipments, 1952 — Continued

Industry and size group	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
5. Petroleum Products:						
Under $25,000	4	21	54,582	6,576	67,378	140,718
$ 25,000 to $ 49,999	2					
50,000 " 99,999	2	36	124,526	6,332	580,105	906,667
100,000 " 199,999	5					
200,000 " 499,999	3	52	126,518	41,809	560,362	927,537
500,000 " 999,999	6	145	481,507	183,003	2,183,128	4,098,156
1,000,000 " 4,999,999	9	583	1,975,811	460,699	16,044,094	22,528,116
5,000,000 and over	24	9,040	36,027,744	27,179,895	434,519,621	631,755,390
Head Offices[1]	—	1,784	7,354,734	—	—	—
Totals	**55**	**11,661**	**46,145,422**	**27,878,314**	**453,954,688**	**660,356,584**
6. Sawmills:						
Under $25,000	5,599	10,675	8,770,362	939,462	22,720,984	42,944,943
$ 25,000 to $ 49,999	1,014	5,175	7,513,888	666,543	19,641,873	35,818,723
50,000 " 99,999	800	7,287	12,840,245	1,052,691	29,900,969	56,195,912
100,000 " 199,999	438	6,936	14,559,911	1,138,701	31,316,967	61,077,598
200,000 " 499,999	277	8,167	20,588,308	1,223,489	42,450,763	82,715,966
500,000 " 999,999	80	5,012	14,011,967	624,453	26,834,462	54,717,171
1,000,000 " 4,999,999	62	8,445	26,863,305	1,005,161	64,475,915	119,207,012
5,000,000 and over	13	8,659	27,725,823	540,197	62,164,899	115,345,823
Head Offices[1]	—	575	2,666,898	—	—	—
Totals	**8,283**	**60,931**	**135,540,707**	**7,190,697**	**299,506,832**	**568,023,148**
7. Primary Iron and Steel:						
Under $25,000	1					
$ 50,000 to $ 99,999	1	75	253,969	11,023	113,636	397,379
100,000 " 199,999	2					
200,000 " 499,999	7	358	1,164,539	123,228	502,535	2,653,397
500,000 " 999,999	6	544	1,900,147	404,586	1,670,194	4,419,041
1,000,000 " 4,999,999	16	2,565	8,697,284	817,939	21,169,868	34,908,722
5,000,000 and over	25	31,348	112,325,210	30,065,142	215,544,925	461,621,855
Head Offices[1]	—	11	46,141	—	—	—
Totals	**58**	**35,001**	**124,387,290**	**31,421,918**	**239,001,158**	**504,000,394**
8. Butter and Cheese:						
Under $25,000	198	254	218,996	54,917	2,672,059	3,004,658
$ 25,000 to $ 49,999	261	490	561,166	156,499	8,585,627	9,575,532
50,000 " 99,999	355	1,091	1,634,274	412,391	23,010,453	26,007,596
100,000 " 199,999	377	1,982	3,582,819	828,508	46,502,118	53,842,636
200,000 " 499,999	270	3,443	7,182,054	1,385,724	66,222,987	82,293,084
500,000 " 999,999	76	2,703	6,551,544	1,072,760	37,618,727	52,319,453
1,000,000 " 4,999,999	61	8,124	21,881,695	2,534,578	80,211,409	123,000,418
5,000,000 and over	4	2,348	7,213,840	572,997	16,543,248	28,751,489
Totals	**1,602**	**20,435**	**48,826,388**	**7,018,374**	**281,366,628**	**378,794,866**
9. Railway Rolling-Stock:						
$ 100,000 to $ 199,999	1					
200,000 " 499,999	1	615	1,720,620	134,849	2,709,077	5,011,753
500,000 " 999,999	6					
1,000,000 " 4,999,999	11	3,198	9,585,823	373,352	11,463,235	25,473,458
5,000,000 and over	17	32,271	97,012,323	4,275,559	167,447,922	301,679,572
Totals	**36**	**36,084**	**108,318,766**	**4,783,760**	**181,620,234**	**332,164,783**
10. Rubber Goods:						
Under $25,000	10	30	57,317	2,303	35,784	90,221
$ 25,000 to $ 49,999	5	53	89,005	4,530	91,796	162,223
50,000 " 99,999	7	83	197,677	10,371	159,124	470,243
100,000 " 199,999	2	514	1,269,116	98,117	1,798,241	4,741,087
200,000 " 499,999	13					
500,000 " 999,999	5	372	978,760	86,254	1,581,923	3,493,040
1,000,000 " 4,999,999	15	4,301	12,045,809	630,432	18,116,387	40,681,835
5,000,000 and over	13	16,106	50,430,952	2,530,267	99,016,040	237,015,980
Head Offices[1]	—	123	409,047	—	—	—
Totals	**70**	**21,582**	**65,477,683**	**3,362,274**	**120,799,295**	**286,654,629**
11. Men's Factory Clothing:						
Under $25,000	48	186	220,554	8,712	279,922	604,110
$ 25,000 to $ 49,999	33	193	294,147	6,660	598,596	1,185,487
50,000 " 99,999	80	871	1,444,799	32,693	3,021,007	5,951,214
100,000 " 199,999	122	2,503	4,172,620	61,557	9,630,638	17,906,270
200,000 " 499,999	165	7,050	12,655,074	175,636	28,636,829	52,500,478
500,000 " 999,999	76	6,359	12,392,107	146,177	30,319,921	52,822,887
1,000,000 " 4,999,999	59	15,241	32,104,790	290,640	64,905,972	119,867,697
5,000,000 and over	4	2,964	6,413,056	63,330	13,965,078	26,587,871
Head Offices[1]	—	216	1,085,079	—	—	—
Totals	**587**	**35,583**	**70,782,226**	**785,405**	**151,357,963**	**277,426,014**

1. Under this heading are included only those head offices which are not located at the plant.

TABLE 49. Principal Statistics of the Twenty-Five Leading Manufacturing Industries Classified According to Selling Value of Factory Shipments, 1952 — Continued

Industry and size group	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
12. Motor Vehicle Parts:						
Under $25,000	26	79	140,465	10,959	99,495	307,633
$ 25,000 to $ 49,999	16	110	250,437	8,383	274,456	638,426
50,000 " 99,999	24	263	705,566	35,113	608,227	1,725,868
100,000 " 199,999	27	494	1,294,345	62,069	1,566,056	3,817,595
200,000 " 499,999	28	965	2,660,742	113,848	4,068,700	9,155,402
500,000 " 999,999	13	831	2,552,960	117,011	4,802,842	9,272,601
1,000,000 " 4,999,999	27	6,027	19,507,126	840,354	32,763,333	67,432,781
5,000,000 and over	11	12,990	45,352,583	2,708,249	101,483,714	184,434,861
Head Offices[1]	—	32	143,565	—	—	—
Totals	**172**	**21,791**	**72,607,789**	**3,895,986**	**145,666,823**	**276,785,167**
13. Flour Mills:						
Under $25,000	11	18	17,923	4,969	52,837	86,892
$ 25,000 to $ 49,999	9	24	38,020	13,054	263,058	340,681
50,000 " 99,999	5	17	33,363	9,131	335,798	400,738
100,000 " 199,999	11	77	183,655	27,398	1,324,394	1,621,362
200,000 " 499,999	14	141	323,279	51,675	3,357,911	4,046,773
500,000 " 999,999	8	153	407,071	53,072	4,878,181	5,589,757
1,000,000 " 4,999,999	24	933	2,525,046	349,867	44,692,040	52,909,392
5,000,000 and over	17	3,501	10,767,100	1,143,792	181,290,015	209,212,445
Head Offices[1]	—	97	393,178	—	—	—
Totals	**99**	**4,961**	**14,688,635**	**1,652,958**	**236,194,234**	**274,208,040**
14. Miscellaneous Food Preparations:						
Under $25,000	67	167	188,847	18,804	395,664	726,867
$ 25,000 to $ 49,999	33	209	280,956	27,695	691,030	1,224,538
50,000 " 99,999	40	271	537,182	39,896	1,725,893	2,898,535
100,000 " 199,999	46	528	963,907	80,924	4,471,866	6,624,118
200,000 " 499,999	48	1,095	2,320,912	221,715	10,280,656	15,929,017
500,000 " 999,999	40	1,577	3,413,355	362,685	20,168,056	28,703,429
1,000,000 " 4,999,999	38	2,915	7,150,074	871,243	69,886,785	94,370,283
5,000,000 and over	13	2,489	6,932,488	1,370,686	82,409,339	115,553,705
Head Offices[1]	—	312	1,415,359	—	—	—
Totals	**325**	**9,563**	**23,203,080**	**2,993,648**	**190,029,289**	**266,030,492**
15. Bread and Other Bakery Products:						
Under $25,000	1,382	3,725	4,996,196	919,991	8,781,381	17,471,445
$ 25,000 to $ 49,999	561	3,255	5,612,936	779,530	10,233,300	19,656,662
50,000 " 99,999	307	3,266	6,306,152	773,819	10,944,013	21,494,471
100,000 " 199,999	141	2,716	5,535,237	648,606	9,665,451	19,668,561
200,000 " 499,999	96	3,873	8,536,643	961,099	14,282,263	30,378,030
500,000 " 999,999	44	3,420	8,312,879	879,983	13,843,268	30,643,414
1,000,000 " 4,999,999	53	12,756	34,944,743	3,247,744	54,480,113	120,868,827
5,000,000 and over	1					
Totals	**2,585**	**33,011**	**74,244,786**	**8,210,772**	**122,229,789**	**260,181,410**
16. Aircraft and Parts:						
Under $25,000	3	15	28,355	894	11,803	33,103
$ 25,000 to $ 49,999	4	42	107,124	3,580	40,229	178,457
50,000 " 99,999	6	75	246,553	5,799	45,691	416,508
100,000 " 199,999	4	104	289,880	5,504	7,578	527,694
200,000 " 499,999	5	293	892,403	36,180	636,268	1,745,555
500,000 " 999,999	3	287	1,035,843	22,149	630,877	2,401,442
1,000,000 " 4,999,999	5	2,111	6,390,913	106,021	6,503,868	13,616,645
5,000,000 and over	8	30,429	99,675,933	1,844,230	107,409,782	225,687,916
Totals	**38**	**33,356**	**108,667,004**	**2,024,357**	**115,286,096**	**244,607,320**
17. Heavy Electrical Machinery:						
$ 500,000 to $ 999,999	26	970	2,689,914	76,461	2,238,563	5,951,430
1,000,000 " 4,999,999	18	3,914	12,958,820	226,421	17,925,777	45,219,201
5,000,000 and over	8	19,774	66,764,622	1,712,965	70,135,765	186,142,351
Head Offices[1]	—	1,138	4,440,189	—	—	—
Totals	**52**	**25,796**	**86,853,545**	**2,015,847**	**90,300,105**	**237,312,982**
18. Industrial Machinery:						
Under $25,000	40	126	248,015	17,308	141,755	489,261
$ 25,000 to $ 49,999	46	343	789,697	39,382	565,174	1,761,323
50,000 " 99,999	40	517	1,296,661	53,841	909,030	2,895,678
100,000 " 199,999	46	932	2,795,107	105,356	2,189,596	6,634,157
200,000 " 499,999	53	2,531	7,254,972	218,939	5,741,349	15,988,520
500,000 " 999,999	38	3,119	9,747,271	245,856	9,576,356	26,737,069
1,000,000 " 4,999,999	48	9,428	31,130,650	894,262	33,983,410	100,584,382
5,000,000 and over	6	5,149	19,288,973	763,037	28,289,773	71,935,484
Head Offices[1]	—	352	1,269,076	—	—	—
Totals	**317**	**22,497**	**73,820,422**	**2,337,981**	**81,396,443**	**227,025,874**

1. Under this heading are included only those head offices which are not located at the plant.

TABLE 49. Principal Statistics of the Twenty-Five Leading Manufacturing Industries Classified According to Selling Value of Factory Shipments, 1952 — Concluded

Industry and size group	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
19. Cotton Yarn and Cloth:						
Under $25,000	2	20	24,912	808	36,104	81,141
$ 25,000 to $ 49,999	1					
50,000 " 99,999	2	104	211,040	10,417	320,586	649,213
100,000 " 199,999	4					
200,000 " 499,999	5	221	456,081	52,410	1,105,801	1,917,537
500,000 " 999,999	7	451	980,706	105,422	3,449,731	5,005,336
1,000,000 " 4,999,999	21	5,880	13,670,272	972,676	34,708,225	55,346,842
5,000,000 and over	15	15,573	35,147,788	2,810,992	103,964,275	163,492,356
Head Offices[1]	—	720	3,214,971	—	—	—
Totals	**57**	**22,969**	**53,705,770**	**3,952,725**	**143,584,722**	**226,492,425**
20. Miscellaneous Electrical Apparatus and Supplies:						
Under $25,000	25	55	96,269	4,002	120,046	274,521
$ 25,000 to $ 49,999	8	71	157,050	10,188	137,499	337,469
50,000 " 99,999	20	216	500,844	18,517	509,181	1,434,403
100,000 " 199,999	18	350	842,207	25,939	1,083,722	2,501,116
200,000 " 499,999	26	1,159	2,764,576	102,099	3,820,994	8,581,224
500,000 " 999,999	20	1,127	3,219,568	128,339	6,929,575	14,156,737
1,000,000 " 4,999,999	21	3,865	10,700,940	472,996	15,344,694	40,216,256
5,000,000 and over	8	14,540	47,858,958	1,329,410	66,376,654	151,139,084
Head Offices[1]	—	21	119,780	—	—	—
Totals	**146**	**21,404**	**66,260,192**	**2,091,490**	**94,322,365**	**218,640,810**
21. Printing and Publishing:						
Under $25,000	401	1,213	2,226,681	159,417	874,847	4,389,443
$ 25,000 to $ 49,999	146	1,225	2,592,783	108,130	991,344	5,154,953
50,000 " 99,999	89	1,330	3,073,466	99,860	1,203,041	6,209,171
100,000 " 199,999	52	2,527	7,279,568	164,411	4,068,450	17,029,387
200,000 " 499,999	40	2,430	6,199,642	161,019	2,358,224	13,393,301
500,000 " 999,999	42	4,320	12,653,071	286,839	6,961,706	29,298,666
1,000,000 " 4,999,999	28	8,225	25,128,020	521,687	19,762,660	71,669,343
5,000,000 and over	7	6,567	25,660,792	472,210	25,569,197	71,379,198
Head Offices[1]	—	36	98,756	—	—	—
Totals	**805**	**27,873**	**84,912,779**	**1,973,573**	**61,789,469**	**218,523,462**
22. Women's Factory Clothing:						
Under $25,000	66	263	359,075	10,065	413,264	927,613
$ 25,000 to $ 49,999	86	695	1,168,283	16,249	1,577,706	3,247,482
50,000 " 99,999	141	1,757	3,421,557	38,813	5,179,497	10,261,240
100,000 " 199,999	193	3,829	8,357,970	99,745	14,156,742	27,732,953
200,000 " 499,999	259	10,512	22,816,845	176,632	41,701,604	81,074,867
500,000 " 999,999	82	6,602	14,505,375	115,325	29,636,669	55,119,954
1,000,000 " 4,999,999	26	4,766	9,528,963	77,985	20,813,904	39,076,962
Head Offices[1]	—	9	35,104	—	—	—
Totals	**853**	**28,433**	**60,193,172**	**534,814**	**113,479,386**	**217,441,071**
23. Sheet Metal Products:						
Under $25,000	51	154	268,945	18,985	237,518	664,425
$ 25,000 to $ 49,999	43	271	583,346	28,010	596,038	1,561,696
50,000 " 99,999	42	477	1,245,711	42,195	1,136,041	3,047,661
100,000 " 199,999	49	960	2,437,633	110,044	3,157,312	7,066,852
200,000 " 499,999	50	1,801	4,531,283	155,049	7,493,208	16,540,413
500,000 " 999,999	29	1,834	5,483,262	283,461	9,870,287	21,025,154
1,000,000 " 4,999,999	32	7,508	22,674,090	988,459	40,721,189	80,054,894
5,000,000 and over	8	4,309	15,260,911	653,156	51,860,587	83,624,019
Head Offices[1]	—	27	83,659	—	—	—
Totals	**304**	**17,341**	**52,568,840**	**2,279,359**	**115,072,180**	**213,585,114**
24. Fruit and Vegetable Preparations:						
Under $25,000	94	239	225,212	28,061	636,074	1,029,848
$ 25,000 to $ 49,999	50	341	369,208	42,188	1,125,606	1,823,174
50,000 " 99,999	66	723	910,143	84,021	2,794,424	4,755,329
100,000 " 199,999	57	1,065	1,510,091	157,128	5,116,614	8,284,592
200,000 " 499,999	102	3,387	5,474,095	493,179	19,730,126	32,929,545
500,000 " 999,999	56	3,514	6,665,852	582,265	23,013,414	40,154,090
1,000,000 " 4,999,999	34	4,017	8,899,284	762,668	37,650,622	63,737,326
5,000,000 and over	3	2,467	7,066,262	545,302	30,535,634	59,073,655
Head Offices[1]	—	267	872,709	—	—	—
Totals	**462**	**16,020**	**31,992,856**	**2,694,812**	**120,602,514**	**211,787,559**
25. Agricultural Implements:						
Under $25,000	14	43	71,922	8,366	83,511	194,237
$ 25,000 to $ 49,999	14	63	135,215	11,600	119,780	415,985
50,000 " 99,999	9	65	161,280	8,655	205,957	690,580
100,000 " 199,999	11	204	491,533	27,525	528,430	1,418,099
200,000 " 499,999	18	770	1,881,563	75,130	2,660,890	5,807,194
500,000 " 999,999	7	519	1,490,772	76,467	1,983,633	4,676,931
1,000,000 " 4,999,999	6	1,235	3,751,189	157,303	6,231,333	12,539,595
5,000,000 and over	6	15,139	54,369,668	1,804,716	98,013,981	180,032,866
Head Offices[1]	—	8	70,574	—	—	—
Totals	**85**	**18,046**	**62,423,716**	**2,169,762**	**109,827,515**	**205,775,487**

1. Under this heading are included only those head offices which are not located at the plant.

Size as Measured by Number of Employees. In 1929, establishments employing 501 hands or over accounted for 27.3 p.c. of the number of employees engaged in manufacturing The tendency then in evidence of increasing concentration into larger units was checked by the depression, the percentage dropping to 20.5 in 1933, (central electric stations included), but rising again to 25.6 in 1939. The same holds true for establishments employing 101 hands or over. In 1929 they employed 61.9 p.c., in 1933, 55.7 p.c. and in 1939, 61.5 p.c.

The effect of the War on the concentration of industries into large units is illustrated by the increase in the number of establishments employing 500 hands or over. In 1939 such establishments numbered 172 and employed 25.6 p.c. of the total number of employees engaged in manufacturing. By 1944 the number had increased to 383 and the percentage of total employees to 47.0. In a further subdivision of this group in 1944 it was found that 226 establishments employed between 500 and 999 persons, 56 between 1,000 and 1,499, and 101 employed over 1,500. Altogether there were 12 plants employing over 7,000 persons, the largest having an employment of a little over 13,000 with the next three largest employing between 9,000 and 10,000. Three other plants employed between 8,000 and 9,000 persons, while the lowest five plants in this group employed between 7,000 and 8,000 workers.

With the resumption of peace-time production the larger establishments declined in size so that by 1952 only 76 establishments employed over 1,500 persons, as compared with 101 in 1944. The two largest manufacturing plants in Canada in 1952 employed over 12,000, the next largest over 11,000 while the next three largest had over 9,000. The following is the size distribution of the highest group, 1,500 and over.

Employees	Establishments
1,500 to 2,999	55
3,000 to 3,999	6
4,000 to 4,999	3
5,000 to 8,999	6
6,000 and over	6
Total	**76**

TABLE 50. Manufacturing Establishments, Classified by Number of Employees per Establishment, and by Provinces, 1952

Province	Up to 499	500 to 799	800 to 999	1,000 to 1,499	1,500 or over	Total
Newfoundland	946	—	—	1	1	948
Prince Edward Island	224	—	—	—	—	224
Nova Scotia	1,523	4	1	1	4	1,533
New Brunswick	1,068	5	2	1	1	1,077
Quebec	11,893	61	25	26	19	12,024
Ontario	12,982	93	23	28	46	13,172
Manitoba	1,522	4	—	2	3	1,531
Saskatchewan	1,022	—	—	—	—	1,022
Alberta	2,144	4	1	1	—	2,150
British Columbia	4,200	14	4	5	2	4,225
Yukon and Northwest Territories	23	—	—	—	—	23
Canada	**37,547**	**185**	**56**	**65**	**76**	**37,929**

TABLE 51. Manufacturing Establishments Classified by Number of Employees per Establishment, 1929, 1939, 1944 and 1952

Group	1929[1]			1939[2]		
	Establishments	Employees	Average per establishment	Establishments	Employees	Average per establishment
	No.	No.	No.	No.	No.	No.
Under 5 employees	12,273	30,446	2.5	13,002	28,020	2.2
5 to 20 employees	6,160	62,310	10.1	6,985	68,151	9.8
21 " 50 "	2,531	81,846	32.3	2,330	75,324	32.3
51 " 100 "	1,262	90,238	71.5	1,158	81,646	70.5
101 " 200 "	745	103,944	139.5	695	97,063	139.7
201 " 500 "	444	136,397	307.2	458	139,687	305.0
501 and over	182	189,253	1,040.0	172	168,168	977.7
Totals and averages	**23,597**	**694,434**	**29.4**	**24,800**	**658,059**	**26.5**
	1944			1952[4]		
Under 5 employees	13,208	29,958	2.3	16,990	36,754	2.2
5 to 14 employees	7,111	58,404	8.2	9,688	79,975	8.3
15 " 49 "	4,615	124,408	27.0	6,280	167,897	26.7
50 " 99 "	1,622	113,869	70.2	1,985	138,080	69.6
100 " 199 "	900	126,192	140.2	1,122	156.902	139.8
200 " 499 "	644	196,707	305.4	719	221,507	308.1
500 " 999 "	383	573,344	1,497.0	241	165,139	685.2
1,000 and over	—	—	—	141	308,099	2,185.1
Head offices[3]	—	—	—	—	14,029	—
Not classifiable	—	—	—	763	—	—
Totals and averages	**28,483**	**1,222,882**	**42.9**	**37,929**	**1,288,382**	**34.0**

1. Includes, central electric stations, dyeing, cleaning and laundry establishments.
2. Exclusive of Yukon and the Northwest Territories.
3. Under this heading are included only those head offices which are not located at the plant.
4. Includes Newfoundland.

TABLE 52. Principal Statistics of Manufacturing Industries, by Industrial Groups, Classified by Number of Employees per Establishment, 1952

Industrial group, by size	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
Canada:						
Under 5 employees	16,990	36,754	52,062,351	6,111,897	185,078,069	293,602,641
5 to 14 employees	9,688	79,975	167,065,102	13,052,800	445,785,985	780,162,336
15 " 49 "	6,280	167,897	395,871,245	27,543,032	1,001,841,760	1,814,483,712
50 " 99 "	1,985	138,080	343,400,168	23,930,438	856,548,227	1,580,368,391
100 " 199 "	1,122	156,902	412,282,762	33,941,644	1,108,816,698	2,010,095,664
200 " 499 "	719	221,507	644,502,406	72,383,844	1,628,180,429	3,124,417,979
500 " 999 "	241	165,139	514,348,965	80,996,130	1,401,298,048	2,615,318,901
1,000 and over	141	308,099	1,044,878,691	135,011,130	2,515,009,611	4,759,862,536
Not classifiable	763	—	—	—	3,613,667	4,374,875
Head Offices[1]	—	14,029	63,208,470	10,427	—	—
Totals	**37,929**	**1,288,382**	**3,637,620,160**	**392,981,342**	**9,146,172,494**	**16,982,687,035**
Foods and Beverages:						
Under 5 employees	4,065	9,591	13,798,624	3,153,225	108,678,160	137,062,079
5 to 14 employees	2,413	19,399	35,809,459	5,664,951	207,980,284	287,572,752
15 " 49 "	1,113	29,242	61,306,048	8,502,736	333,926,446	488,369,008
50 " 99 "	329	22,626	52,851,931	6,040,502	280,994,833	427,118,043
100 " 199 "	197	27,745	71,225,259	7,896,250	388,923,788	589,817,283
200 " 499 "	103	31,205	85,923,203	7,733,485	445,991,218	683,485,026
500 " 999 "	34	21,789	62,419,013	5,554,102	275,017,547	445,882,525
1,000 and over	9	12,249	38,654,650	2,928,060	291,576,778	413,210,234
Head Offices[1]	—	1,706	7,661,868	10,427	—	—
Totals	**8,263**	**175,552**	**429,650,055**	**47,483,738**	**2,333,089,054**	**3,472,516,950**
Tobacco and Tobacco Products:						
Under 5 employees	21	43	44,910	2,420	60,773	124,095
5 to 14 employees	6	54	84,349	4,026	126,865	262,373
15 " 49 "	10	280	555,355	25,796	2,066,236	3,638,799
50 " 99 "	5	370	655,861	39,037	14,276,320	15,625,225
100 " 199 "	7	947	2,042,425	129,926	40,652,661	44,587,892
200 " 499 "	8	2,643	6,384,734	142,301	30,581,476	46,064,618
500 " 999 "	2	4,937	15,624,963	256,084	56,773,339	105,611,368
1,000 and over	2					
Head Office[1]	—	3	12,475	—	—	—
Totals	**61**	**9,277**	**25,405,072**	**599,590**	**144,537,670**	**215,914,370**
Rubber Products:						
Under 5 employees	8	18	30,939	888	11,487	56,794
5 to 14 employees	16	160	401,706	27,261	680,730	1,333,345
15 " 49 "	12	343	855,329	65,638	2,368,685	4,930,510
50 " 99 "	9	717	1,834,675	178,896	2,850,416	6,232,953
100 " 199 "	4	640	1,675,549	120,895	2,976,661	6,046,688
200 " 499 "	6	2,098	5,985,038	376,558	10,561,359	26,704,040
500 " 999 "	7	4,641	12,905,186	505,092	14,408,266	39,406,167
1,000 and over	8	12,842	41,380,214	2,087,046	86,941,691	201,944,132
Head Offices[1]	—	123	409,047	—	—	—
Totals	**70**	**21,582**	**65,477,683**	**3,362,274**	**120,799,295**	**286,654,629**
Leather Products:						
Under 5 employees	148	336	482,864	24,501	869,146	1,655,421
5 to 14 employees	165	1,423	2,570,317	98,410	4,725,623	8,846,027
15 " 49 "	207	5,984	11,674,196	355,139	20,144,603	39,160,387
50 " 99 "	83	6,000	12,117,245	325,527	20,698,100	39,507,083
100 " 199 "	69	9,438	19,249,668	465,411	32,325,540	62,792,553
200 " 499 "	27	8,922	20,059,200	706,287	36,951,493	67,239,458
500 " 999 "	2					
Totals	**701**	**32,103**	**66,153,490**	**1,975,275**	**115,714,505**	**219,200,929**
Textile Products (Except Clothing):						
Under 5 employees	176	420	649,142	32,921	1,652,304	2,915,563
5 to 14 employees	252	2,130	4,137,932	199,846	9,104,957	16,712,931
15 " 49 "	266	7,124	15,041,076	849,092	49,221,845	76,973,148
50 " 99 "	89	6,364	14,519,517	992,711	44,712,595	71,261,205
100 " 199 "	49	6,782	16,206,203	1,223,798	39,188,287	70,270,536
200 " 499 "	55	16,566	42,264,436	3,158,498	98,272,887	176,133,721
500 " 999 "	21	14,817	35,308,200	2,444,537	85,374,676	155,768,127
1,000 and over	10	16,653	42,289,970	4,090,290	90,994,967	174,106,414
Head Offices[1]	—	1,883	8,272,990	—	—	—
Totals	**918**	**72,739**	**178,689,466**	**12,991,693**	**418,522,518**	**744,141,645**

1. Under this heading are included only those head offices that are not located at the plant.

TABLE 52. Principal Statistics of Manufacturing Industries by Industrial Groups, Classified by Number of Employees per Establishment, 1952 — Continued

Industrial group, by size	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
Clothing (Textile and fur):						
Under 5 employees	515	1,367	2,669,402	70,664	10,333,159	18,436,644
5 to 14 employees	857	7,559	15,943,194	303,111	39,432,825	71,975,465
15 " 49 "	1,068	29,769	62,410,333	833,151	115,775,486	220,694,733
50 " 99 "	343	23,794	47,471,449	708,199	86,702,917	165,703,616
100 " 199 "	169	22,950	43,570,795	811,654	81,930,274	157,005,263
200 " 499 "	77	23,033	48,771,454	963,915	81,586,622	160,888,309
500 " 999 "	12	8,730	17,381,963	412,578	28,195,313	58,447,176
Head Offices[1]	—	466	2,321,082	—	—	—
Totals	**3,041**	**117,668**	**240,539,672**	**4,103,272**	**443,956,596**	**853,151,206**
Wood Products:						
Under 5 employees	8,150	16,128	17,671,386	1,647,810	40,537,879	77,430,812
5 to 14 employees	2,612	21,053	40,078,934	2,963,732	92,016,102	170,291,164
15 " 49 "	1,218	31,375	72,602,005	4,236,568	164,099,619	298,104,902
50 " 99 "	297	20,303	51,702,340	2,216,887	102,635,512	193,076,907
100 " 199 "	137	19,232	50,620,837	1,870,444	100,329,378	191,799,553
200 " 499 "	42	12,764	35,805,008	1,098,108	59,948,716	126,223,684
500 " 999 "	9	8,912	27,715,663	461,159	59,412,304	110,702,509
1,000 and over	2					
Head Offices[1]	—	701	3,234,808	—	—	—
Totals	**12,467**	**130,468**	**299,430,981**	**14,494,708**	**618,979,510**	**1,167,629,531**
Paper Products:						
Under 5 employees	44	109	225,692	23,743	818,460	1,280,620
5 to 14 employees	93	819	1,888,618	149,360	5,236,721	9,594,581
15 " 49 "	151	4,435	10,206,181	731,613	27,264,022	50,350,190
50 " 99 "	82	5,912	15,574,714	1,583,937	43,840,027	84,441,687
100 " 199 "	73	10,139	29,970,260	3,859,524	86,804,098	159,867,852
200 " 499 "	55	17,183	56,940,019	15,346,886	156,612,878	328,252,435
500 " 999 "	30	21,360	81,750,856	30,446,093	201,219,786	463,907,804
1,000 and over	15	20,756	82,662,069	27,600,092	172,394,409	412,453,622
Head Offices[1]	—	2,252	13,463,874	—	—	—
Totals	**543**	**82,965**	**292,682,283**	**79,741,248**	**694,190,401**	**1,510,148,791**
Printing, Publishing and Allied Industries:						
Under 5 employees	1,617	3,566	6,425,209	299,756	8,342,316	19,332,373
5 to 14 employees	1,040	8,483	19,748,655	511,799	15,487,309	46,890,826
15 " 49 "	451	11,476	31,016,296	629,246	23,154,726	73,264,521
50 " 99 "	142	9,960	28,832,390	610,465	19,925,766	69,039,753
100 " 199 "	62	8,725	25,573,843	519,447	23,245,608	69,497,634
200 " 499 "	35	10,937	33,481,592	641,451	28,701,164	95,275,164
500 " 999 "	10	6,426	21,985,302	355,389	19,452,800	61,568,218
1,000 and over	4	4,843	18,869,095	311,338	18,470,431	51,691,487
Not Classifiable	763	—	—	—	3,613,667	4,374,875
Head Offices[1]	—	69	318,333	—	—	—
Totals	**4,124**	**64,485**	**186,250,715**	**3,878,891**	**160,393,787**	**490,934,851**
Iron and Steel Products:						
Under 5 employees	619	1,513	3,263,370	245,408	3,352,301	9,969,053
5 to 14 employees	795	6,925	17,717,725	868,427	19,240,054	51,432,485
15 " 49 "	661	17,757	51,475,756	2,303,370	62,221,724	156,167,391
50 " 99 "	211	14,871	43,636,198	1,982,223	70,078,460	157,468,536
100 " 199 "	127	18,389	57,927,764	2,970,486	72,019,071	179,196,268
200 " 499 "	143	44,082	143,214,667	7,835,471	199,457,299	490,038,908
500 " 999 "	38	24,875	83,654,786	5,810,676	136,012,484	301,527,362
1,000 and over	31	60,170	213,683,963	30,979,469	385,611,797	789,231,741
Head Offices[1]	—	609	2,436,695	—	—	—
Totals	**2,625**	**189,191**	**617,010,924**	**52,995,530**	**947,993,190**	**2,135,031,744**
Transportation Equipment:						
Under 5 employees	195	408	622,330	36,918	562,831	1,494,633
5 to 14 employees	146	1,232	3,012,584	117,853	3,482,172	8,521,557
15 " 49 "	107	2,869	8,016,724	295,003	11,203,083	24,626,703
50 " 99 "	42	2,985	8,762,661	343,002	13,270,648	29,805,944
100 " 199 "	37	5,135	15,789,755	739,220	24,648,739	54,304,962
200 " 499 "	35	11,182	35,156,692	1,541,185	62,042,225	119,817,931
500 " 999 "	24	18,369	59,547,696	2,030,026	119,422,818	212,397,252
1,000 and over	31	104,148	342,066,443	10,778,442	774,838,054	1,352,730,841
Head Offices[1]	—	32	143,565	—	—	—
Totals	**617**	**146,360**	**473,118,450**	**15,881,649**	**1,009,470,570**	**1,803,699,823**

1. Under this heading are included only those head offices that are not located at the plant.

TABLE 52. Principal Statistics of Manufacturing Industries, by Industrial Groups, Classified by Number of Employees per Establishments, 1952 — Concluded

Industrial group, by size	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
Non-Ferrous Metal Products:						
Under 5 employees	147	356	639,553	39,694	871,501	1,995,724
5 to 14 employees	163	1,450	3,544,431	158,419	6,249,310	12,254,320
15 " 49 "	124	3,183	8,395,916	441,937	35,996,067	52,411,390
50 " 99 "	48	3,332	9,480,877	611,623	22,428,657	41,075,599
100 " 199 "	25	3,453	9,230,731	627,621	58,306,587	77,371,679
200 " 499 "	25	8,532	26,955,058	7,462,792	90,284,198	164,948,106
500 " 999 "	11	6,930	21,385,973	9,372,337	156,735,971	212,516,775
1,000 and over	9	22,882	83,846,667	36,887,141	373,724,136	652,544,854
Head Offices[1]	—	820	3,565,878	—	—	—
Totals	**552**	**50,938**	**167,045,084**	**55,601,564**	**744,596,427**	**1,215,118,447**
Electrical Apparatus & Supplies:						
Under 5 employees	64	141	291,539	29,621	914,679	1,589,566
5 to 14 employees	79	668	1,575,261	65,442	2,855,968	6,419,834
15 " 49 "	101	2,721	6,977,160	287,099	12,885,530	27,720,025
50 " 99 "	55	3,835	9,500,631	296,975	17,966,680	35,795,794
100 " 199 "	45	6,438	18,594,514	616,559	35,743,384	76,848,129
200 " 499 "	31	10,129	29,734,541	966,366	47,564,292	114,757,254
500 " 999 "	16	10,914	34,748,241	1,042,772	66,528,684	135,758,686
1,000 and over	10	33,195	111,583,080	2,921,533	129,253,953	316,984,054
Head Offices[1]	—	1,159	4,559,969	—	—	—
Totals	**401**	**69,200**	**217,564,936**	**6,226,367**	**313,713,170**	**715,873,342**
Non-Metallic Mineral Products:						
Under 5 employees	385	912	1,587,056	246,647	2,146,745	5,426,697
5 to 14 employees	323	2,621	6,134,071	960,429	8,248,266	21,248,669
15 " 49 "	212	5,693	15,186,907	4,874,129	19,751,295	61,874,406
50 " 99 "	68	4,613	13,914,005	4,508,764	16,988,609	49,962,270
100 " 199 "	43	6,103	18,910,206	7,712,895	26,732,042	83,090,770
200 " 499 "	17	4,702	14,552,599	5,248,693	16,286,752	52,859,203
500 " 999 "	9	6,253	20,411,530	7,589,646	25,063,859	75,589,615
Head Offices[1]	—	525	2,122,545	—	—	—
Totals	**1,057**	**31,422**	**92,818,919**	**31,141,203**	**115,217,568**	**350,051,630**
Products of Petroleum and Coal:						
Under 5 employees	13	34	83,653	7,401	401,575	709,552
5 to 14 employees	17	136	409,392	50,956	2,660,980	3,534,457
15 " 49 "	24	567	1,698,061	328,378	6,841,862	14,190,906
50 " 99 "	16	1,129	3,791,185	1,730,079	37,500,109	55,856,324
100 " 199 "	9	1,343	4,860,706	2,252,606	43,486,923	63,468,209
200 " 499 "	15	4,895	18,507,049	13,025,560	177,068,856	265,152,984
500 " 999 "	5	7,014	26,824,893	17,586,077	251,668,936	377,523,615
1,000 and over	2					
Head Offices[1]	—	1,787	7,398,234	—	—	—
Totals	**101**	**16,905**	**63,573,173**	**34,981,057**	**519,629,241**	**780,436,047**
Chemicals and Allied Products:						
Under 5 employees	360	777	1,498,201	112,625	3,091,432	7,881,008
5 to 14 employees	298	2,508	6,564,716	500,288	19,396,819	40,825,623
15 " 49 "	250	7,035	20,123,316	1,908,930	89,709,059	160,219,555
50 " 99 "	87	5,892	16,093,511	1,290,366	44,157,360	95,520,913
100 " 199 "	36	5,112	15,636,936	1,650,658	36,916,519	87,648,215
200 " 499 "	29	9,330	31,187,697	5,905,441	78,433,780	182,685,103
500 " 999 "	8	5,906	18,197,076	3,696,458	33,892,445	74,307,355
1,000 and over	7	9,482	32,223,564	9,591,116	52,221,346	147,474,462
Head Offices[1]	—	1,652	6,550,658	—	—	—
Totals	**1,075**	**47,694**	**148,075,675**	**24,655,882**	**357,818,760**	**796,562,234**
Miscellaneous Industries:						
Under 5 employees	463	1,035	2,078,481	137,655	2,433,321	6,242,007
5 ton 14 employees	413	3,355	7,443,758	408,490	8,861,000	22,445,927
15 " 49 "	305	8,044	18,330,586	875,207	25,211,472	61,787,138
50 " 99 "	79	5,377	12,660,978	471,245	17,521,218	42,876,539
100 " 199 "	33	4,331	11,197,311	474,250	14,587,138	36,482,178
200 " 499 "	16	4,526	12,065,168	260,634	11,456,783	31,021,635
500 " 999 "	3	2,923	9,620,851	239,920	7,479,300	24,765,442
1,000 and over	1					
Head Offices[1]	—	242	736,449	—	—	—
Totals	**1,313**	**29,833**	**74,133,582**	**2,867,401**	**87,550,232**	**225,620,866**

1. Under this heading are included only those offices that are not located at the plant.

Size of Establishment in Leading Industries. Table 53 summarizes the degree of concentration in some of the leading industries of Canada. Concentration is extremely marked in the case of motor vehicles, non-ferrous metal smelting and refining, railway rolling-stock, cotton yarn and cloth, primary iron and steel, pulp and paper, and heavy electrical machinery; whereas in the case of women's factory clothing, miscellaneous food preparations, furniture, butter and cheese, bread and other bakery products, fruit and vegetable preparations, sawmills and men's factory clothing, the degree of concentration is low. This concentration is analysed in detail for each of the twenty-five leading industries in the tables following.

TABLE 53. Percentage Importance of Establishments, each Employing 200 or more Persons in the Twenty-Five Leading Industries, 1952

	Industry	Number of such establishments	Percentage of total number in the industry	Percentage of total production in the industry
1	Pulp and paper	77	60.2	94.2
2	Slaughtering and meatpacking	28	18.2	74.8
3	Non-ferrous metal smelting and refining	17	100.0	100.0
4	Motor vehicles	8	42.1	98.0
5	Petroleum products	14	25.5	82.5
6	Sawmills	21	0.3	24.5
7	Primary iron and steel	30	51.7	94.3
8	Butter and cheese	19	1.2	21.6
9	Railway rolling stock	24	66.7	96.0
10	Rubber goods, including footwear	21	30.0	93.5
11	Clothing, men's, factory	36	6.1	38.5
12	Motor vehicle parts	24	14.0	81.9
13	Flour mills	9	9.1	49.7
14	Miscellaneous food preparations	3	0.9	13.6
15	Bread and other bakery products	23	0.9	28.5
16	Aircraft and parts	12	31.6	97.2
17	Machinery, heavy electrical	16	30.8	89.2
18	Machinery, industrial	30	9.5	59.4
19	Cotton yarn and cloth	30	52.6	92.9
20	Miscellaneous electrical apparatus and supplies	16	11.0	77.0
21	Printing and publishing	30	3.7	66.5
22	Clothing, women's, factory	12	1.4	9.2
23	Sheet metal products	24	7.9	61.6
24	Fruit and vegetable preparations	4	0.9	28.6
25	Agricultural implements	8	9.4	89.5

TABLE 54. Principal Statistics of the Twenty-Five Leading Manufacturing Industries Classified According to the Number of Employees per Establishment, 1952

Industry and size group	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
1. Pulp and Paper:						
Under 5 employees	2	39	119,409	53,983	167,486	540,011
5 to 14 employees	3					
15 " 49 "	14	485	1,316,347	380,081	2,454,034	5,835,225
50 " 99 "	14	943	2,894,671	919,552	7,575,224	16,211,545
100 " 199 "	18	2,405	8,243,239	2,821,669	20,689,532	44,401,374
200 " 499 "	34	11,144	40,278,478	14,704,560	100,208,383	232,193,721
500 " 999 "	28	20,068	77,718,790	30,259,820	193,557,760	446,252,159
1,000 and over	15	20,756	82,662,069	27,600,092	172,394,409	412,453,622
Head Offices[1]	–	1,963	12,120,324	–	–	–
Totals	**128**	**57,803**	**225,353,327**	**76,739,757**	**497,046,828**	**1,157,887,657**
2. Slaughtering and Meatpacking:						
Under 5 employees	12	33	65,851	10,259	871,748	985,852
5 to 14 employees	45	413	954,327	122,751	17,625,110	19,925,281
15 " 49 "	35	925	2,317,857	226,176	34,969,313	40,858,043
50 " 99 "	18	1,291	3,470,013	364,286	52,808,712	61,295,059
100 " 199 "	16	2,413	7,273,777	685,958	75,406,520	94,799,655
200 " 499 "	16	5,263	16,885,483	940,895	148,954,202	182,849,539
500 " 999 "	7	4,832	15,230,968	651,732	120,164,689	150,703,536
1,000 and over	5	7,694	25,179,737	1,642,868	249,569,657	312,359,190
Totals	**154**	**22,864**	**71,378,013**	**4,644,925**	**700,369,951**	**863,776,155**
3. Non-ferrous Metal Smelting and Refining:						
200 to 499 employees	5	2,308	7,802,498	6,410,030	53,589,128	90,189,702
500 " 999 "	5	3,236	10,397,564	8,564,220	130,683,054	164,059,810
1,000 and over	7	19,064	69,764,233	35,597,202	335,509,049	582,824,553
Totals	**17**	**24,608**	**87,964,295**	**50,571,452**	**519,781,231**	**837,074,065**
4. Motor Vehicles:						
15 to 49 employees	1	355	1,015,928	36,379	3,386,806	5,115,340
50 " 99 "	4					
100 " 199 "	6	867	2,603,670	143,922	6,111,892	10,564,926
200 " 499 "	3	1,052	3,284,871	122,696	12,427,835	17,788,078
500 " 999 "	2	28,828	106,702,602	2,478,315	475,547,564	733,886,640
1,000 and over	3					
Totals	**19**	**31,102**	**113,607,071**	**2,781,312**	**497,474,097**	**767,354,984**

1. Under this heading are included only those head offices which are not located at the plant.

TABLE 54. Principal Statistics of the Twenty-Five Leading Manufacturing Industries Classified According to the Number of Employees per Establishment, 1952 — Continued

Industry and size group	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
5. Petroleum Products:						
Under 5 employees	6	14	30,092	2,205	209,050	350,312
5 to 14 employees	8	62	195,984	16,304	794,968	1,280,498
15 " 49 "	11	252	1,052,527	234,333	4,953,849	9,093,962
50 " 99 "	10	722	2,596,955	1,369,936	32,090,888	47,364,177
100 " 199 "	6	895	3,593,169	1,997,083	41,697,990	57,471,753
200 " 499 "	9	2,842	11,293,847	8,253,979	145,260,185	205,555,688
500 " 999 "	4	5,090	20,301,676	16,004,474	228,947,758	339,240,194
1,000 and over	1	1,784	7,081,172	—	—	—
Head Offices[1]	—					
Totals	**55**	**11,661**	**46,145,422**	**27,878,314**	**453,954,688**	**660,356,584**
6. Sawmills:						
Under 5 employees	5,941	11,748	10,616,054	1,131,199	30,293,413	55,704,229
5 to 14 employees	1,644	13,043	23,131,882	1,917,270	58,287,746	108,457,693
15 " 49 "	557	13,516	31,704,151	2,133,645	72,560,341	136,570,174
50 " 99 "	82	5,615	16,116,292	702,821	30,833,208	60,798,017
100 " 199 "	38	5,683	16,867,300	645,255	32,923,014	67,420,451
200 " 499 "	12	3,814	12,434,470	360,594	27,281,652	50,773,028
500 " 999 "	8	6,937	22,003,660	299,913	47,327,458	88,299,556
1,000 and over	1	575	2,666,898	—	—	—
Head Offices[1]	—					
Totals	**8,283**	**60,931**	**135,540,707**	**7,190,697**	**299,506,832**	**568,023,148**
7. Primary Iron and Steel:						
5 to 14 employees	2	168	567,769	241,355	774,878	1,964,947
15 to 49 "	5					
50 " 99 "	8	535	1,799,982	131,514	3,404,268	7,288,420
100 " 199 "	13	1,912	6,042,220	787,938	7,649,300	19,423,965
200 " 499 "	11	3,188	11,886,564	2,226,998	17,946,990	50,060,359
500 " 999 "	3	1,922	7,831,638	1,800,880	14,265,649	27,146,319
1,000 and over	16	27,265	96,212,976	26,233,233	194,960,073	398,116,384
Head Offices[1]	—	11	46,141	—	—	—
Totals	**58**	**35,001**	**124,387,290**	**31,421,918**	**239,001,158**	**504,000,394**
8. Butter and Cheese:						
Under 5 employees	999	2,370	3,238,483	875,656	61,020,791	67,465,331
5 to 14 employees	380	2,990	5,947,197	1,395,966	69,626,947	83,504,047
15 " 49 "	151	3,723	8,403,851	1,720,446	58,180,143	77,417,501
50 " 99 "	35	2,445	6,062,722	742,042	22,908,087	35,613,002
100 " 199 "	18	2,405	6,178,034	704,682	21,006,558	32,988,073
200 " 499 "	15	4,154	11,782,261	1,006,585	32,080,854	53,055,423
500 " 999 "	4	2,348	7,213,840	572,997	16,543,248	28,751,489
Totals	**1,602**	**20,435**	**48,826,388**	**7,018,374**	**281,366,628**	**378,794,866**
9. Railway Rolling Stock:						
5 to 14 employees	1	85	255,821	8,200	1,321,177	1,878,700
15 " 49 "	3					
50 " 99 "	2	978	2,982,477	197,776	5,271,785	11,361,120
100 " 199 "	6					
200 " 499 "	5	1,572	4,486,925	202,431	3,712,056	9,697,083
500 " 999 "	7	5,478	18,233,983	798,060	42,975,451	71,181,161
1,000 and over	12	27,971	82,359,560	3,577,293	128,339,765	238,046,719
Totals	**36**	**36,084**	**108,318,766**	**4,783,760**	**181,620,234**	**332,164,783**
10. Rubber Goods, Including Footwear:						
Under 5 employees	8	18	30,939	888	11,487	56,794
5 to 14 employees	16	160	401,706	27,261	680,730	1,333,345
15 " 49 "	12	343	855,329	65,638	2,368,685	4,930,510
50 " 99 "	9	717	1,834,675	178,896	2,850,416	6,232,953
100 " 199 "	4	640	1,675,549	120,895	2,976,661	6,046,688
200 " 499 "	6	2,098	5,985,038	376,558	10,561,359	26,704,040
500 " 999 "	7	4,641	12,905,186	505,092	14,408,266	39,406,167
1,000 and over	8	12,842	41,380,214	2,087,046	86,941,691	201,944,132
Head Offices[1]	—	123	409,047	—	—	—
Totals	**70**	**21,582**	**65,477,683**	**3,362,274**	**120,799,295**	**286,654,629**
11. Men's Factory Clothing:						
Under 5 employees	95	238	534,329	8,542	3,472,867	6,438,152
5 to 14 employees	121	1,075	2,374,176	35,987	10,126,983	18,889,758
15 " 49 "	186	5,351	10,062,381	137,768	22,527,217	40,860,614
50 " 99 "	91	6,237	11,855,489	150,476	24,777,751	44,756,397
100 " 199 "	58	8,278	15,522,763	186,982	33,538,335	59,585,545
200 " 499 "	29	9,188	18,650,237	146,262	39,255,375	70,455,430
500 " 999 "	7	5,000	10,697,772	119,388	17,659,435	36,440,118
Head Offices[1]	—	216	1,085,079	—	—	—
Totals	**587**	**35,583**	**70,782,226**	**785,405**	**151,357,963**	**277,426,014**
12. Motor Vehicle Parts:						
Under 5 employees	24	62	119,846	10,591	130,472	325,278
5 to 14 employees	48	417	1,113,626	48,185	1,755,560	4,004,315
15 " 49 "	48	1,249	3,477,047	158,486	5,763,452	11,931,277
50 " 99 "	15	1,059	2,904,214	134,566	4,929,247	10,536,629
100 " 199 "	13	1,746	5,463,150	260,718	12,127,056	23,303,305
200 " 499 "	15	4,736	16,085,549	844,632	32,263,786	62,083,311
500 " 999 "	5	3,621	11,406,262	443,366	12,541,953	34,222,987
1,000 and over	4	8,869	31,894,530	1,995,442	76,155,297	130,378,065
Head Offices[1]	—	32	143,565	—	—	—
Totals	**172**	**21,791**	**72,607,789**	**3,895,986**	**145,666,823**	**276,785,167**

1. Under this heading are included only those head offices which are not located at the plant.

TABLE 54. Principal Statistics of the Twenty-Five Leading Manufacturing Industries Classified According to the Number of Employees per Establishment, 1952 — Continued

Industry and size group	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
13. Flour Mills:						
Under 5 employees	26	60	94,152	28,241	884,483	1,100,004
5 to 14 employees	26	227	577,155	86,973	7,217,457	8,460,635
15 " 49 "	24	604	1,703,355	239,489	30,123,185	34,905,313
50 " 99 "	8	617	1,819,091	254,257	35,853,663	41,502,791
100 " 199 "	6	828	2,167,665	318,352	45,634,654	52,082,363
200 " 499 "	9	2,528	7,934,039	725,646	116,480,792	136,156,934
Head Offices[1]	—	97	393,178	—	—	—
Totals	**99**	**4,961**	**14,688,635**	**1,652,958**	**236,194,234**	**274,208,040**
14. Miscellaneous Food Preparations:						
Under 5 employees	92	237	400,419	31,008	1,894,481	2,810,423
5 to 14 employees	103	857	1,817,448	170,374	11,808,698	16,504,399
15 " 49 "	82	2,413	5,383,450	655,721	42,860,375	59,131,297
50 " 99 "	24	1,635	3,587,699	543,208	34,871,426	48,271,453
100 " 199 "	21	2,924	7,339,206	673,825	76,195,687	103,224,566
200 " 499 "	2	1,185	3,259,499	919,512	22,398,622	36,088,354
500 " 999 "	1					
Head Offices[1]	—	312	1,415,359	—	—	—
Totals	**325**	**9,563**	**23,203,080**	**2,993,648**	**190,029,289**	**266,030,492**
15. Bread and Other Bakery Products:						
Under 5 employees	1,400	3,425	5,261,061	1,021,593	10,364,476	20,294,094
5 to 14 employees	849	6,581	11,503,440	1,486,617	20,441,174	39,990,806
15 to 49 "	219	5,517	11,786,404	1,335,655	20,963,611	43,014,654
50 " 99 "	59	3,931	9,603,430	972,010	16,231,185	36,354,321
100 " 199 "	35	4,813	12,604,815	1,261,533	21,501,661	46,268,626
200 " 499 "	17	4,981	12,745,472	1,235,070	21,002,979	45,506,657
500 " 999 "	6	3,763	10,740,164	898,294	11,724,703	28,751,652
Totals	**2,585**	**33,011**	**74,244,786**	**8,210,772**	**122,229,789**	**260,181,410**
16. Aircraft and Parts:						
Under 5 employees	2	68	188,579	5,549	62,347	346,401
5 to 14 employees	7					
15 " 49 "	11	264	814,286	18,364	709,443	1,938,989
50 " 99 "	4	306	961,414	35,059	1,216,481	2,832,638
100 " 199 "	2	964	3,375,560	59,614	4,200,919	7,764,233
200 " 499 "	2					
500 " 999 "	5	3,660	11,546,598	210,713	9,381,365	24,502,729
1,000 and over	5	28,094	91,780,567	1,695,058	99,715,541	207,222,330
Totals	**38**	**33,356**	**108,667,004**	**2,024,357**	**115,286,096**	**244,607,320**
17. Heavy Electrical Machinery:						
Under 5 employees	3	9	29,422	1,464	67,495	103,751
5 to 14 employees	5	53	115,642	6,951	142,477	483,646
15 " 49 "	9	226	575,973	24,003	578,879	1,861,193
50 " 99 "	9	587	1,502,506	38,287	1,857,364	4,482,599
100 " 199 "	10	1,533	5,180,544	82,363	7,652,347	18,802,013
200 " 499 "	8	2,476	8,244,647	149,814	9,865,778	25,437,429
500 " 999 "	4	2,759	9,473,209	161,007	10,948,584	28,697,061
1,000 and over	4	17,015	57,291,413	1,551,958	59,187,181	157,445,290
Head Offices[1]	—	1,138	4,440,189	—	—	—
Totals	**52**	**25,796**	**86,853,545**	**2,015,847**	**90,300,105**	**237,312,982**
18. Industrial Machinery:						
Under 5 employees	44	107	236,541	18,273	297,026	762,568
5 to 14 employees	90	841	2,324,843	95,205	2,640,972	7,193,104
15 " 49 "	81	2,258	6,861,878	231,369	7,251,397	19,264,476
50 " 99 "	46	3,300	10,146,905	297,427	13,910,323	33,964,723
100 " 199 "	26	3,716	11,871,313	300,206	9,307,000	30,922,116
200 " 499 "	25	7,068	22,546,886	649,852	23,462,462	68,986,770
500 " 999 "	4	4,855	18,562,980	745,649	24,527,263	65,932,117
1,000 and over	1					
Head Offices[1]	—	352	1,269,076	—	—	—
Totals	**317**	**22,497**	**73,820,422**	**2,337,981**	**81,396,443**	**227,025,874**
19. Cotton Yarn and Cloth:						
Under 5 employees	1	30	49,811	1,954	114,159	207,858
5 to 14 employees	4					
15 " 49 "	10	247	555,186	29,053	2,061,151	3,490,530
50 " 99 "	6	480	1,068,566	106,055	2,610,845	4,147,903
100 " 199 "	6	776	1,994,622	203,710	5,538,466	8,212,049
200 " 499 "	14	4,237	9,785,793	787,600	28,141,854	45,129,016
500 " 999 "	9	6,397	14,526,305	1,159,225	36,000,916	59,525,391
1,000 and over	7	10,082	22,510,516	1,665,128	69,117,331	105,779,678
Head Offices[1]	—	720	3,214,971	—	—	—
Totals	**57**	**22,969**	**53,705,770**	**3,952,725**	**143,584,722**	**226,492,425**
20. Miscellaneous Electrical Apparatus and Supplies:						
Under 5 employees	24	45	80,080	4,111	231,664	370,722
5 to 14 employees	36	319	783,505	30,757	1,883,300	3,532,182
15 " 49 "	36	1,045	2,771,679	132,041	6,805,809	13,159,861
50 " 99 "	23	1,575	4,125,896	148,167	7,585,565	15,546,259
100 " 199 "	13	1,763	4,720,443	178,246	6,599,825	17,576,715
200 " 499 "	8	2,828	7,840,225	378,644	13,372,259	31,149,848
500 " 999 "	4	13,808	45,818,584	1,219,524	57,843,943	137,305,223
1,000 and over	2					
Head Offices[1]	—	21	119,780	—	—	—
Totals	**146**	**21,404**	**66,260,192**	**2,091,490**	**94,322,365**	**218,640,810**

1. Under this heading are included only those head offices which are not located at the plant.

TABLE 54. Principal Statistics of the Twenty-Five Leading Manufacturing Industries Classified According to the Number of Employees per Establishment, 1952 — Concluded

Industry and size group	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
21. Printing and Publishing:						
Under 5 employees	330	796	1,484,363	117,298	636,518	3,172,666
5 to 14 employees	265	2,151	4,812,260	197,293	1,820,585	9,653,929
15 " 49 "	104	2,650	6,434,242	182,948	2,541,954	13,004,595
50 " 99 "	50	3,696	10,405,594	277,088	5,252,896	24,854,832
100 " 199 "	26	3,359	9,568,315	217,842	5,350,108	22,456,304
200 " 499 "	19	5,810	17,390,585	363,630	13,421,138	49,796,393
500 " 999 "	7	4,532	15,849,569	306,136	14,295,839	43,893,256
1,000 and over	4	4,843	18,869,095	311,338	18,470,431	51,691,487
Head Offices[1]	—	36	98,756	—	—	—
Totals	**805**	**27,873**	**84,912,779**	**1,973,573**	**61,789,469**	**218,523,462**
22. Women's Factory Clothing:						
Under 5 employees	74	202	401,706	12,578	1,823,448	3,287,819
5 to 14 employees	222	2,095	4,361,322	56,765	8,202,651	16,079,297
15 " 49 "	400	11,250	25,123,315	222,310	46,180,483	89,127,021
50 " 99 "	110	7,385	15,918,451	121,124	29,465,162	56,242,741
100 " 199 "	35	4,487	8,689,167	80,256	17,047,309	32,598,071
200 " 499 "	12	3,005	5,664,107	41,781	10,760,333	20,106,122
Head Offices[1]	—	9	35,104	—	—	—
Totals	**853**	**28,433**	**60,193,172**	**534,814**	**113,479,386**	**217,441,071**
23. Sheet Metal Products:						
Under 5 employees	56	141	311,514	24,495	536,595	1,243,784
5 to 14 employees	88	739	1,845,011	88,741	3,092,146	6,659,870
15 " 49 "	94	2,484	6,773,036	249,205	12,307,619	25,640,750
50 " 99 "	29	2,059	5,992,885	312,229	16,631,903	29,908,454
100 " 199 "	13	1,835	5,107,630	228,729	8,481,367	18,491,422
200 " 499 "	20	6,739	21,938,579	797,173	49,965,242	88,793,015
500 " 999 "	3	3,317	10,516,526	578,787	24,057,308	42,847,819
1,000 and over	1					
Head Offices[1]	—	27	83,659	—	—	—
Totals	**304**	**17,341**	**52,568,840**	**2,279,359**	**115,072,180**	**213,585,114**
24. Fruit and Vegetable Preparations:						
Under 5 employees	107	260	287,057	32,727	1,116,191	1,877,950
5 to 14 employees	120	1,081	1,491,304	145,736	5,970,201	9,565,077
15 " 49 "	152	4,568	7,611,038	718,297	27,925,503	47,395,052
50 " 99 "	55	3,724	7,095,793	652,320	28,256,524	46,838,754
100 " 199 "	24	3,448	7,164,821	576,953	26,061,968	45,610,054
200 " 499 "	2					
500 " 999 "	1	2,672	7,470,134	568,779	31,272,127	60,500,672
1,000 and over	1					
Head Offices[1]	—	267	872,709	—	—	—
Totals	**462**	**16,020**	**31,992,856**	**2,694,812**	**120,602,514**	**211,787,559**
25. Agricultural Implements:						
Under 5 employees	20	53	101,782	9,545	161,748	441,369
5 to 14 employees	22	169	420,011	28,701	569,756	1,535,802
15 " 49 "	22	706	1,804,343	85,945	2,970,919	6,260,839
50 " 99 "	9	608	1,519,151	96,069	4,717,737	8,240,941
100 " 199 "	4	615	1,822,769	56,558	1,878,109	5,073,262
200 " 499 "	2	1,955	6,420,078	257,889	12,198,243	21,481,700
500 " 999 "	2					
1,000 and over	4	13,934	50,265,008	1,635,055	87,331,003	162,741,574
Head Offices[1]	—	6	70,574	—	—	—
Totals	**85**	**18,046**	**62,423,716**	**2,169,762**	**109,827,515**	**205,775,487**

1. Under this heading are included only those head offices which are not located at the plant.

Subsection 7. Power and fuel

Cost of Fuel and Electricity. Fuel is used quite generally throughout the industrial field for the generation of power by means of steam and internal combustion engines. It is also used for the heating of plants, and for providing the heat necessary to some manufacturing processes. The most important industries where heat is applied to the materials to facilitate or accomplish the desired transformation are foundries and machine shops, brick, tile, lime, and cement-making, petroleum refining, the glass industry, distilleries, food preparation, rubber goods, etc. Fuel used for such heating purposes, as well as for power, is included in the figures of Table 55. In addition to the electricity used for ordinary power purposes, the figures include also the electricity used for heating boilers in the pulp and paper industry. Consumption of surplus energy in electric boilers increased rapidly during the year preceding the Second World War.

The figures of the table do not include coke charged to iron-blast furnaces or foundry cupolas. Neither do they include fuels that constitute the raw materials to be transformed as coal in the coke and gas industries and crude petroleum in the refining industry.

The value of fuel consumed increased 343 p.c. from 1939 to 1951. Part of the increase was due to an increase in the quantity used and part to the rise in the unit cost of fuels of all kinds. The cost of electricity purchased, on the other hand, has increased during the same period by 146 p.c. The groups of industries in which fuel was most extensively used in 1951 were: paper products, iron and steel, food and beverages, products of petroleum and coal, non-ferrous metal products, non-metallic mineral products and chemicals and allied products.

Of the total cost of purchased fuel and electricity for Canada as a whole in 1952, 65.5 p.c. was for fuel and 34.5 p.c. for electricity. Percentagewise, Newfoundland with 92.9 p.c. of the total was the largest user of fuel, while Quebec with 53.4 p.c. was the smallest. Provinces lacking in water power resources naturally have to rely on fuel for power and for this reason the percentage that fuel is to the total is much higher than in Provinces such as Quebec where there is an

abundant supply of water for power purposes. In the Provinces of Prince Edward Island, Nova Scotia, New Brunswick, Saskatchewan, and Alberta, primary power produced from fuels is an important factor in power utilization.

Power Consumption. Power equipment installed in manufacturing establishments is a very good barometer of the industrial development of Canada, inasmuch as production is increasingly dependent on power equipment. Increases and decreases in productive capacity, measured in horse-power, are not the result of temporary fluctuations in costs and values in the same manner as capital investments, values of products, etc. Of course, power equipment installed is not a measure of the actual utilization of power for there is generally an excess over actual requirements, i.e., over power equipment in operation. Producers must have an installed operating margin in excess of normal requirements to provide for booming business conditions or breakdown of part of the plant. In times of depression this margin increases. During short periods of expanded production, the number of horse-power per wage-earner tends to decrease in view of the fact power equipment is not immediately increased, the expanded production being secured through overtime work or an increase in the number of shifts worked.

Of the total increase in power equipment employed in manufacturing industries between 1939 and 1948, 65 p.c. was in electric motors operated by power purchased from central electric stations. However, some sections of Canada are not well provided with water power and in such sections primary power derived from steam engines or turbines, and internal combustion engines—which include all gasoline engines, gas engines (natural, coal, and producer gas), and compression-ignition engines—also has increased rapidly during the period covered. During the period 1939-1948 there was an increase of 57 p.c. in the capacity of water wheels, 30 p.c. in the capacity of steam engines, 55 p.c. in the capacity of electric motors, while internal combustion engines quadrupled during the same period. The collection of statistics on power equipment was discontinued in 1949 and will in future be collected only periodically.

Power consumed by the manufacturing industries, purchased power as well as power generated for own use, totalled 38.9 billion K.W.H. in 1952, an increase of 100 p.c. as compared with 1939. Of the total consumed, Quebec used 54.6 p.c., Ontario 28.2 p.c., British Columbia 7.6 p.c., Newfoundland 2.5 p.c., Manitoba 2.4 p.c., and New Brunswick 2.0 p.c.

The paper products group with 36.3 p.c. of the total was the largest user of electric power. This group was also the largest user of purchased fuel. The non-ferrous metal products group was the second largest user of power with 31.3 p.c., followed by chemicals and allied products with 9.5 p.c., iron and steel products 8.5 p.c., non-metallic mineral products 3.9 p.c., etc.

Table 55 gives details of purchased fuel and electricity as well as power consumption by industrial groups and provinces.

TABLE 55. Value of Fuel and Electricity Used by the Manufacturing Industries of Canada, 1939-51 with Details by Provinces and Industrial Groups, 1952

Note: Includes fuel and electricity used in smelters for metallurgical purposes.

Year, Province or Group	Value of purchased fuel	Value of purchased electricity	Total	Consumption of electric power		
				Purchased	Generated for own use	Total
	$	$	$	1000 K.W.H.	1000 K.W.H.	1000 K.W.H.
1939	57,063,131	50,509,121	107,572,252	17,072,764	2,357,669	19,430,433
1940	78,550,913	58,429,262	136,980,175	17,954,995	2,640,918	20,595,913
1941	102,886,816	71,754,501	174,641,317	20,289,238	2,840,841	23,130,079
1942	121,512,643	85,205,846	206,718,489	23,650,840	3,345,443	26,996,283
1943	134,004,345	91,950,030	225,954,375	26,399,730	3,211,610	29,611,340
1944	137,883,770	87,699,383	225,583,153	25,777,238	2,752,124	28,529,362
1945	128,384,255	83,999,865	212,384,120	23,986,993	2,362,260	26,349,253
1946	127,179,620	83,273,105	210,452,725	25,250,876	2,714,261	27,965,137
1947	163,813,503	90,876,176	254,689,679	26,728,239	3,467,535	30,195,774
1948	209,063,839	94,475,355	303,539,194	24,907,413	4,590,676	29,498,089
1949	208,776,571	97,019,231	305,795,802	25,067,855	5,898,390	30,966,245
1950	229,993,079	106,940,541	336,933,620	27,482,129	6,266,050	33,748,179
1951	252,573,952	124,140,044	376,713,996	31,243,249	6,369,094	37,612,343
PROVINCES, 1952						
Newfoundland	3,596,371	276,679	3,873,050	11,516	954,372	965,888
Prince Edward Island	225,771	100,404	326,175	3,656	—	3,656
Nova Scotia	10,594,966	2,388,415	12,983,381	299,828	167,428	467,256
New Brunswick	8,706,781	2,454,656	11,161,437	434,963	337,262	772,225
Quebec	75,838,128	66,135,305	141,973,433	20,436,704	798,881	21,235,585
Ontario	123,976,764	49,658,883	173,635,647	9,058,617	1,919,868	10,978,485
Manitoba	5,925,483	3,632,773	9,558,256	923,538	4,632	928,170
Saskatchewan	4,128,727	1,480,773	5,609,500	184,408	—	184,408
Alberta	5,445,695	2,926,962	8,372,657	353,853	9,817	363,670
British Columbia	18,821,579	6,476,723	25,298,302	711,460	2,258,469	2,969,929
Yukon and Northwest Territories	183,271	6,233	189,504	83	—	83
Canada	**257,443,536**	**135,537,806**	**392,981,342**	**32,418,626**	**6,450,729**	**38,869,355**
INDUSTRIAL GROUPS, 1952						
Foods and beverages	36,181,354	11,302,384	47,483,738	979,393	42,237	1,021,630
Tobacco and tobacco products	395,647	203,943	599,590	16,190	—	16,190
Rubber products	1,806,654	1,555,620	3,362,274	227,814	9,837	237,651
Leather products	1,221,580	753,695	1,975,275	48,541	—	48,541
Textile products (except clothing)	7,921,701	5,069,992	12,991,693	593,776	60,657	654,433
Clothing (textile and fur)	2,213,346	1,889,926	4,103,272	96,243	2,950	99,193
Wood products	8,944,992	5,549,716	14,494,708	325,096	127,639	452,735
Paper products	49,159,254	30,581,994	79,741,248	10,030,337	4,063,131	14,093,468
Printing, publishing and allied industries	1,930,986	1,947,905	3,878,891	117,980	—	117,980
Iron and steel products	35,195,369	17,800,161	52,995,530	3,072,125	220,519	3,292,644
Transportation equipment	10,500,983	5,380,666	15,881,649	554,938	115,047	669,985
Non-ferrous metal products	26,807,356	28,794,208	55,601,564	11,525,909	639,459	12,165,368
Electrical apparatus and supplies	3,374,810	2,851,557	6,226,367	306,252	11,002	317,254
Non-metallic mineral products	23,820,662	7,320,541	31,141,203	1,515,093	4,346	1,519,439
Products of petroleum and coal	32,569,368	2,411,689	34,981,057	314,539	8,742	323,281
Chemicals and allied products	13,968,417	10,687,465	24,655,882	2,567,293	1,141,389	3,708,682
Miscellaneous industries	1,431,057	1,436,344	2,867,401	127,107	3,774	130,881

PART II. PROVINCIAL AND LOCAL DISTRIBUTION OF MANUFACTURING PRODUCTION

Section 1. Type and Concentration of Manufacturing Production

This part of the Report is introduced by a general analysis of the concentration of the manufacturing industries in the provinces. In the sections that follow, the principal features of the manufactures of each province are brought out and finally the distribution of manufacturing throughout the principal cities and towns of Canada is shown.

Ontario and Quebec are by far the most important manufacturing provinces of Canada. Their combined production in 1952 amounted to $13,548,408,451 or 80 p.c. of the total gross value of manufactured products. The proximity of Ontario to the coal-fields of Pennsylvania, the water power and other varied resources of the provinces, and their nearness to the larger markets of Canada and the United States have all contributed to this progress.

Table 1 shows the outstanding predominance of Ontario and Quebec in each industrial group. Quebec leads in the manufacture of tobacco and tobacco products, textiles (except clothing), clothing (textile and fur), paper products and products of petroleum and coal. In each of the other groups Ontario has the greater production of the two provinces. In the production of wood products British Columbia with 39 p.c. of the total holds the dominant position, outranking both Ontario and Quebec which account respectively for 26 and 22 p.c. of the total. In each of the other groups Ontario and Quebec lead by a wide margin.

TABLE 1. Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1952

Province and group	Establishments	Employees	Earnings	Cost of materials	Value added by manufacture	Selling value of factory shipments
	No.	No.	$	$	$	$
Canada						
Foods and beverages	8,263	175,552	429,650,055	2,333,089,054	1,091,944,158	3,472,516,950
Tobacco and tobacco products	61	9,277	25,405,072	144,537,670	70,777,110	215,914,370
Rubber products	70	21,582	65,477,683	120,799,295	162,493,060	286,654,629
Leather products	701	32,103	66,153,490	115,714,505	101,511,149	219,200,929
Textile products (except clothing)	918	72,739	178,689,466	418,522,518	312,627,434	744,141,645
Clothing (textile and fur)	3,041	117,668	240,539,672	443,956,596	405,091,338	853,151,206
Wood products	12,467	130,468	299,430,981	618,979,510	534,155,313	1,167,629,531
Paper products	543	82,965	292,682,283	694,190,401	736,217,142	1,510,148,791
Printing, publishing and allied industries	4,124	64,485	186,250,715	160,393,787	326,662,173	490,934,851
Iron and steel products	2,625	189,191	617,010,924	947,993,190	1,134,043,024	2,135,031,744
Transportation equipment	617	146,360	473,118,450	1,009,470,570	778,347,604	1,803,699,823
Non-ferrous metal products	552	50,938	167,045,084	744,596,427	414,920,456	1,215,118,447
Electrical apparatus and supplies	401	69,200	217,564,936	313,713,170	395,933,805	715,873,342
Non-metallic mineral products	1,057	31,422	92,818,919	115,217,568	203,692,859	350,051,630
Products of petroleum and coal	101	16,905	63,573,173	519,629,241	225,825,749	780,436,047
Chemicals and allied products	1,075	47,694	148,075,675	357,818,760	414,087,592	796,562,234
Miscellaneous industries	1,313	29,833	74,133,582	87,550,232	135,203,233	225,620,866
Totals	**37,929**	**1,288,382**	**3,637,620,160**	**9,146,172,494**	**7,443,533,199**	**16,982,687,035**
Newfoundland						
Foods and beverages	77	3,319	5,447,180	13,473,827	10,973,710	25,200,071
Tobacco and tobacco products	1	1	1	1	1	1
Rubber products	—	—	—	—	—	—
Leather products	1	1	1	1	1	1
Textile products (except clothing)	5	95	214,141	524,744	502,634	1,044,991
Clothing (textile and fur)	3	210	287,235	399,106	400,027	805,462
Wood products	790	1,838	1,885,417	4,339,012	3,425,874	7,916,282
Paper products	3	3,538	14,420,551	23,876,477	36,359,335	62,812,294
Printing, publishing and allied industries	29	402	994,249	432,106	1,430,900	1,902,464
Iron and steel products	9	273	661,696	499,114	958,327	1,502,120
Transportation equipment	6	77	141,140	112,114	184,354	305,456
Non-ferrous metal products	—	—	—	—	—	—
Electrical apparatus and supplies	—	—	—	—	—	—
Non-metallic mineral products	15	284	627,149	573,699	741,381	1,540,752
Products of petroleum and coal	1	1	1	1	1	1
Chemicals and allied products	5	75	187,565	637,423	545,434	1,197,423
Miscellaneous industries[3]	6	192	367,528	609,998	587,038	1,232,369
Totals	**948**	**10,303**	**25,233,851**	**45,477,620**	**56,109,014**	**105,459,684**
Prince Edward Island						
Foods and beverages	118	1,088	1,606,793	12,564,752	3,521,200	16,340,543
Tobacco and tobacco products	1	1	1	1	1	1
Rubber products	—	—	—	—	—	—
Leather products	1	1	1	1	1	1
Textile products (except clothing)	3	63	100,541	867,372	303,645	1,177,279
Clothing (textile and fur)	—	—	—	—	—	—
Wood products	80	239	254,011	601,474	465,580	1,086,625
Paper products	—	—	—	—	—	—
Printing, publishing and allied industries	9	155	323,865	160,292	469,790	641,965
Iron and steel products	4	46	87,155	214,056	224,450	444,019
Transportation equipment	3	131	287,132	220,070	393,466	628,699
Non-ferrous metal products	—	—	—	—	—	—
Electrical apparatus and supplies	—	—	—	—	—	—
Non-metallic mineral products	1	1	1	1	1	1
Products of petroleum and coal	—	—	—	—	—	—
Chemicals and allied products	1	1	1	1	1	1
Miscellaneous industries	—	—	—	—	—	—
All other groups[2]	7	73	146,125	1,158,383	578,966	1,750,541
Totals	**224**	**1,795**	**2,805,622**	**15,786,399**	**5,957,097**	**22,069,671**

TABLE 1. Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1952 — Continued

Province and group	Establishments	Employees	Earnings	Cost of materials	Value added by manufacture	Selling value of factory shipments
	No.	No.	$	$	$	$
Nova Scotia						
Foods and beverages	393	8,329	13,972,303	51,909,912	28,673,609	82,280,113
Tobacco and tobacco products	—	—	—	—	—	—
Rubber products	—	—	—	—	—	—
Leather products	4	104	163,251	238,107	276,759	518,761
Textile products (except clothing)	10	711	1,585,264	4,731,690	3,546,290	8,432,321
Clothing (textile and fur)	14	1,391	2,120,438	5,192,952	3,809,681	9,132,545
Wood products	797	5,057	7,245,421	18,999,129	13,299,865	32,824,769
Paper products	7	1,370	4,296,133	8,457,870	11,963,591	21,828,287
Printing, publishing and allied industries	123	1,270	2,787,843	1,999,708	5,444,343	7,548,666
Iron and steel products	51	7,702	22,231,148	31,605,557	26,279,400	63,086,782
Transportation equipment	67	5,339	14,525,828	24,216,850	22,023,951	46,902,365
Non-ferrous metal products	—	—	—	—	—	—
Electrical apparatus and supplies	[1]	[1]	[1]	[1]	[1]	[1]
Non-metallic mineral products	27	615	1,415,754	1,460,165	2,900,302	4,912,086
Products of petroleum and coal	3	958	3,606,054	30,818,621	8,948,170	42,100,066
Chemicals and allied products	16	299	822,769	3,325,349	2,758,377	6,249,043
Miscellaneous industries[3]	21	226	473,181	185,456	790,662	1,023,943
Totals	**1,533**	**33,371**	**75,245,387**	**183,141,366**	**130,715,000**	**326,839,747**
New Brunswick						
Foods and beverages	351	6,806	11,864,463	74,403,210	29,163,160	105,525,075
Tobacco and tobacco products	—	—	—	—	—	—
Rubber products	—	—	—	—	—	—
Leather products	12	352	602,060	1,335,402	1,160,103	2,515,864
Textile products (except clothing)	16	1,865	3,585,022	5,959,519	4,658,573	10,908,256
Clothing (textile and fur)	6	94	118,954	164,186	147,175	313,945
Wood products	525	4,515	7,637,591	19,896,076	13,964,274	34,317,244
Paper products	14	3,987	15,260,621	41,703,570	40,856,979	89,215,300
Printing, publishing and allied industries	67	938	2,023,405	1,321,748	3,479,476	4,883,219
Iron and steel products	29	1,178	3,155,740	5,272,130	5,939,301	11,427,294
Transportation equipment	11	2,925	7,586,007	7,907,375	9,640,044	17,863,623
Non-ferrous metal products	[1]	[1]	[1]	[1]	[1]	[1]
Electrical apparatus and supplies	—	—	—	—	—	—
Non-metallic mineral products	23	515	1,352,211	1,676,648	3,044,588	5,666,031
Products of petroleum and coal	[1]	[1]	[1]	[1]	[1]	[1]
Chemicals and allied products	7	158	448,120	2,957,217	1,279,133	4,297,093
Miscellaneous industries[3]	16	918	2,344,268	2,163,793	4,504,665	6,826,838
Totals	**1,077**	**24,251**	**55,978,462**	**164,760,874**	**117,837,471**	**293,759,782**
Quebec						
Foods and beverages	2,651	43,882	104,511,455	602,595,390	279,540,314	894,416,904
Tobacco and tobacco products	38	7,336	21,041,422	71,815,464	60,652,121	132,844,059
Rubber products	26	6,139	16,284,215	22,280,838	29,677,642	52,695,709
Leather products	373	17,439	32,689,985	53,140,219	50,763,961	104,527,968
Textile products (except clothing)	426	40,217	98,668,596	216,479,162	167,980,926	391,704,853
Clothing (textile and fur)	1,761	68,578	135,164,476	256,909,677	240,334,409	499,253,391
Wood products	3,376	32,207	63,058,559	139,094,480	108,265,540	250,470,548
Paper products	182	32,373	112,797,702	286,617,502	291,411,210	617,797,239
Printing, publishing and allied industries	1,123	17,501	48,732,647	44,737,185	86,145,435	131,781,750
Iron and steel products	607	43,456	136,688,752	182,321,966	254,097,847	444,843,225
Transportation equipment	119	42,011	122,154,810	175,952,017	166,651,190	346,745,695
Non-ferrous metal products	170	17,893	56,446,911	273,540,186	146,155,174	449,728,502
Electrical apparatus and supplies	83	19,104	59,385,171	73,340,961	98,958,684	173,766,802
Non-metallic mineral products	292	9,430	26,330,376	34,494,499	57,410,356	102,538,532
Products of petroleum and coal	17	3,665	13,782,117	184,056,167	88,379,304	284,943,192
Chemicals and allied products	346	19,604	58,228,015	101,063,826	124,797,630	232,829,744
Miscellaneous industries	434	8,863	19,979,494	27,178,574	37,421,536	65,346,712
Totals	**12,024**	**429,698**	**1,125,944,703**	**2,745,618,113**	**2,288,643,279**	**5,176,234,825**
Ontario						
Foods and beverages	3,003	70,677	181,321,491	912,694,477	474,898,564	1,407,525,674
Tobacco and tobacco products	19	1,807	4,107,403	72,222,438	9,640,631	82,074,914
Rubber products	39	15,403	49,083,910	98,486,975	132,633,175	233,735,185
Leather products	247	12,926	30,184,797	55,656,859	45,321,316	102,230,921
Textile products (except clothing)	377	28,051	70,812,946	174,167,242	129,388,344	308,647,722
Clothing (textile and fur)	986	38,453	84,986,036	143,922,338	130,977,072	276,607,409
Wood products	2,681	36,320	85,105,608	154,331,327	143,919,298	302,026,688
Paper products	263	32,514	111,522,670	253,155,865	258,425,166	532,919,908
Printing, publishing and allied industries	1,682	32,190	98,337,662	86,434,212	172,064,456	260,478,323
Iron and steel products	1,352	120,132	402,148,296	653,605,604	753,139,807	1,443,168,507
Transportation equipment	241	79,948	279,900,430	751,620,906	520,288,270	1,281,285,205
Non-ferrous metal products	307	26,862	88,921,996	310,605,712	249,564,745	580,332,492
Electrical apparatus and supplies	261	48,533	154,292,664	232,082,332	288,585,822	525,284,664
Non-metallic mineral products	488	15,756	49,454,872	59,911,633	107,535,729	181,930,849
Products of petroleum and coal	36	8,303	31,129,861	161,661,705	71,979,782	246,583,557
Chemicals and allied products	538	23,503	75,359,662	212,188,860	237,757,625	466,018,240
Miscellaneous industries	652	18,318	47,516,101	54,682,918	84,986,774	141,323,368
Totals	**13,172**	**609,696**	**1,844,186,405**	**4,387,431,403**	**3,811,106,576**	**8,372,173,626**

TABLE 1. Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1952 — Continued

Province and group	Establishments	Employees	Earnings	Cost of materials	Value added by manufacture	Selling value of factory shipments
	No.	No.	$	$	$	$
Manitoba						
Foods and beverages	367	9,941	26,516,058	178,636,866	64,584,380	245,662,067
Tobacco and tobacco products	—	—	—	—	—	—
Rubber products	1	1	1	1	1	1
Leather products	27	717	1,327,879	3,121,518	2,242,035	5,397,640
Textile products (except clothing)	26	787	1,569,927	7,560,959	3,101,644	10,725,181
Clothing (textile and fur)	159	6,298	12,497,486	27,450,708	20,351,729	47,959,463
Wood products	342	3,330	7,605,901	15,981,691	13,036,726	29,340,345
Paper products	21	1,364	4,137,209	11,515,144	14,244,480	26,824,474
Printing, publishing and allied industries	273	3,856	9,619,921	8,554,092	17,153,224	25,929,483
Iron and steel products	120	5,243	15,492,882	19,826,108	30,520,792	51,309,495
Transportation equipment	23	7,754	22,172,832	25,469,695	24,081,824	50,217,104
Non-ferrous metal products	17	682	2,344,399	13,522,793	1,947,981	16,315,436
Electrical apparatus and supplies	18	699	1,559,881	4,264,444	4,104,575	8,437,469
Non-metallic mineral products	38	851	2,401,082	3,321,210	7,876,567	12,498,737
Products of petroleum and coal	6	552	1,915,808	20,354,471	5,671,537	27,222,765
Chemicals and allied products	43	726	1,750,973	6,960,325	5,505,452	12,601,574
Miscellaneous industries[3]	51	565	1,235,334	1,124,626	2,391,360	3,595,979
Totals	**1,531**	**43,365**	**112,147,572**	**347,664,650**	**216,814,306**	**574,037,212**
Saskatchewan						
Foods and beverages	225	5,110	13,616,023	94,117,855	38,004,787	133,742,853
Tobacco and tobacco products	—	—	—	—	—	—
Rubber products	—	—	—	—	—	—
Leather products	3	12	27,478	52,880	11	56,181
Textile products (except clothing)	7	136	293,948	1,216,734	308,084	1,540,040
Clothing (textile and fur)	15	214	481,419	933,361	946,242	1,888,632
Wood products	466	1,723	3,014,207	5,800,872	6,550,768	12,550,690
Paper products	4	25	55,750	63,648	142,520	208,062
Printing, publishing and allied industries	182	1,477	3,570,945	2,463,343	5,782,921	8,360,783
Iron and steel products	52	758	2,013,029	3,739,849	3,569,110	7,432,233
Transportation equipment	7	28	73,993	120,535	151,183	277,873
Non-ferrous metal products	1	1	1	1	1	1
Electrical apparatus and supplies	—	—	—	—	—	—
Non-metallic mineral products	30	440	1,157,452	998,454	2,520,518	3,742,767
Products of petroleum and coal	10	848	3,207,440	37,055,526	12,477,870	51,261,972
Chemicals and allied products	8	160	540,034	530,857	714,927	1,270,308
Miscellaneous industries[3]	13	376	1,438,144	25,294,205	9,765,216	36,599,382
Totals	**1,022**	**11,307**	**29,489,862**	**172,388,119**	**80,934,157**	**258,931,776**
Alberta						
Foods and beverages	413	10,415	27,462,379	193,498,314	63,557,265	259,318,747
Tobacco and tobacco products	—	—	—	—	—	—
Rubber products	1	1	1	1	1	1
Leather products	11	62	119,624	123,716	132,375	258,320
Textile products (except clothing)	16	188	382,851	2,326,953	505,413	2,846,405
Clothing (textile and fur)	29	959	1,855,806	4,061,064	3,528,218	7,611,852
Wood products	1,115	6,770	12,781,437	32,719,866	24,052,046	57,614,363
Paper products	8	290	829,219	3,527,219	2,881,437	6,454,700
Printing, publishing and allied industries	243	2,106	5,581,171	4,401,058	11,405,197	15,917,517
Iron and steel products	132	2,965	8,856,067	11,527,923	15,029,515	26,865,104
Transportation equipment	24	3,337	9,699,413	10,471,301	10,896,858	21,610,398
Non-ferrous metal products	8	72	225,293	807,907	562,363	1,378,484
Electrical apparatus and supplies	4	32	78,316	246,818	210,137	465,188
Non-metallic mineral products	70	2,250	6,129,240	8,014,928	14,302,760	23,449,751
Products of petroleum and coal	16	1,334	5,359,984	55,763,985	22,750,836	81,009,131
Chemicals and allied products	24	650	2,187,580	3,605,491	6,609,079	11,030,815
Miscellaneous industries[3]	37	335	978,814	720,598	1,797,514	2,580,036
Totals	**2,150**	**31,765**	**82,527,194**	**331,817,141**	**178,221,013**	**518,410,811**
British Columbia						
Foods and beverages	660	15,971	43,300,311	199,133,794	98,963,775	302,372,613
Tobacco and tobacco products	1	1	1	1	1	1
Rubber products	3	32	91,730	27,630	162,694	199,788
Leather products	21	477	1,018,812	2,017,938	1,629,115	3,679,037
Textile products (except clothing)	32	626	1,476,230	4,688,143	2,331,881	7,114,597
Clothing (textile and fur)	68	1,471	3,027,822	4,923,204	4,596,785	9,578,507
Wood products	2,284	38,413	110,676,285	226,917,957	206,830,907	438,827,553
Paper products	41	7,504	29,362,428	65,273,106	79,932,424	152,088,527
Printing, publishing and allied industries	390	4,572	14,229,827	9,880,238	23,214,061	33,401,806
Iron and steel products	269	7,438	25,676,159	39,380,883	44,284,475	84,952,965
Transportation equipment	116	4,810	16,576,865	13,379,707	24,036,464	37,863,405
Non-ferrous metal products	46	4,623	16,531,248	120,181,711	4,561,153	127,689,668

TABLE 1. Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1952 — Concluded

Province and group	Establishments	Employees	Earnings	Cost of materials	Value added by manufacture	Selling value of factory shipments
	No.	No.	$	$	$	$
British Columbia — Concluded						
Electrical apparatus and supplies	34	672	1,920,429	3,672,005	3,614,156	7,347,041
Non-metallic mineral products	72	1,269	3,926,617	4,752,251	7,311,816	13,704,945
Products of petroleum and coal	10	1,138	4,219,776	29,185,599	14,960,266	45,740,742
Chemicals and allied products	85	2,474	8,437,784	25,383,650	33,595,414	59,370,258
Miscellaneous industries[3]	94	1,177	3,058,653	2,213,432	6,146,926	8,550,410
Totals	**4,225**	**92,667**	**283,530,976**	**751,011,248**	**556,172,312**	**1,332,481,862**
Yukon and Northwest Territories						
Foods and Beverages	5	14	31,599	60,657	63,394	132,290
Wood products	11	56	166,544	297,626	344,435	654,424
Printing, publishing and allied industries	3	18	49,180	9,805	72,370	88,875
Miscellaneous industries[4]	4	76	282,803	707,473	542,775	1,412,450
Totals	**23**	**164**	**530,126**	**1,075,561**	**1,022,974**	**2,288,039**

1. Confidential. Included with "Miscellaneous Industries".
2. Confidential. Includes all groups marked with (1).
3. Includes all groups for which figures cannot be published and which are marked with (1).
4. Includes: Non-ferrous metal products, products of petroleum and coal, and chemicals and allied products.

The degree of concentration of manufacturing in large units is illustrated in Table 2. In Ontario 41.0 p.c. of all persons engaged in manufacturing were employed in establishments having 500 or more employees, as compared with 36.7 p.c. for Canada as a whole. Quebec ranked second with 37.5 p.c., followed by Nova Scotia with 34.5 p.c., Newfoundland 33.2 p.c., New Brunswick 33.0 p.c., British Columbia 25.9 p.c., Manitoba 24.8 p.c. and Alberta 14.4 p.c. There were no plants in either Prince Edward Island or Saskatchewan with an employment of 500 or more persons. In 1950 Newfoundland occupied the premier position with 39.2 p.c. of the total. By including the fish processing plants with manufacturing in 1951, the proportion of the plants employing 500 or more persons was, thereby, considerably lowered, viz. to 32.6 p.c.

TABLE 2. Concentration of Manufacturing Production in Each Province, 1952

Province	Number of establishments employing 500 or more persons	Percentage of total number of establishments in province	Provincial percentage of number of employees accounted for by these establishments
Newfoundland	2	0.2	33.2
Prince Edward Island	—	—	—
Nova Scotia	11	0.7	34.5
New Brunswick	9	0.8	33.0
Quebec	130	1.0	37.5
Ontario	190	1.4	41.0
Manitoba	9	0.5	24.8
Saskatchewan	—	—	—
Alberta	6	0.2	14.4
British Columbia	25	0.5	25.9
Yukon and Northwest Territories	—	—	—
Canada	**382**	**1.0**	**36.7**

TABLE 3. Principal Statistics of Manufacturing Industries of Canada and Each Province, Classified by Number of Employees per Establishment, 1952

Province and group	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
Canada:						
Under 5 employees	16,990	36,754	52,062,351	6,111,897	185,078,069	293,602,641
5 to 14 employees	9,688	79,975	167,065,102	13,052,800	445,785,985	780,162,336
15 " 49 "	6,280	167,897	395,871,245	27,543,032	1,001,841,760	1,814,483,712
50 " 99 "	1,985	138,080	343,400,168	23,930,438	856,548,227	1,580,368,391
100 " 199 "	1,122	156,902	412,282,762	33,941,644	1,108,816,698	2,010,095,664
200 " 499 "	719	221,507	644,502,406	72,383,844	1,628,180,429	3,124,417,979
500 " 999 "	241	165,139	514,348,965	80,996,130	1,401,298,048	2,615,318,901
1,000 and over	141	308,099	1,044,878,691	135,011,130	2,515,009,611	4,759,862,536
Not classifiable	763	—	—	—	3,613,667	4,374,875
Head Offices[1]	—	14,029	63,208,470	10,427	—	—
Totals	**37,929**	**1,288,382**	**3,637,620,160**	**392,981,342**	**9,146,172,494**	**16,982,687,035**

1. Under this heading are included only those head offices that are not located at the plant.

TABLE 3. Principal Statistics of Manufacturing Industries of Canada and Each Province, Classified by Number of Employees per Establishment, 1952 — Continued

Province and group	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
Newfoundland:						
Under 5 employees	788	1,305	878,615	97,792	1,681,659	3,650,786
5 to 14 employees	69	583	935,228	104,504	2,141,361	4,190,409
15 " 49 "	55	1,496	2,897,089	329,214	6,003,722	11,476,967
50 " 99 "	17	1,136	2,592,280	224,104	4,750,991	10,194,636
100 " 199 "	11	1,549	2,832,285	378,905	5,836,284	10,353,484
200 " 499 "	2	4,229	15,080,674	2,738,531	25,055,703	65,583,708
1,000 and over	2					
Not classifiable	4	—	—	—	7,900	9,694
Head Offices[1]	—	5	17,680	—	—	—
Totals	**948**	**10,303**	**25,233,851**	**3,873,050**	**45,477,620**	**105,459,684**
Prince Edward Island:						
Under 5 employees	133	261	255,957	41,053	2,421,187	3,151,313
5 to 14 employees	60	486	598,371	93,530	3,221,876	4,479,012
15 " 49 "	25	622	933,351	105,539	4,645,179	6,776,408
50 " 99 "	2	426	1,017,943	86,053	5,492,531	7,655,328
100 " 199 "	2					
Not classifiable	2	—	—	—	5,626	7,610
Totals	**224**	**1,795**	**2,805,622**	**326,175**	**15,786,399**	**22,069,671**
Nova Scotia:						
Under 5 employees	777	1,628	1,682,280	188,853	6,148,422	10,090,507
5 to 14 employees	422	3,503	5,386,875	605,004	17,086,831	28,828,575
15 " 49 "	200	5,094	8,791,444	1,104,010	27,582,910	46,152,695
50 " 99 "	54	3,812	7,344,136	862,799	17,686,998	33,692,419
100 " 199 "	22	2,951	6,013,098	781,978	11,983,765	24,302,467
200 " 499 "	15	4,818	13,055,561	2,819,610	46,474,893	77,023,070
500 " 999 "	6	3,521	8,947,415	1,699,730	14,776,060	34,600,451
1,000 and over	5	7,985	23,870,476	4,921,397	41,348,460	72,087,266
Not classifiable	32	—	—	—	53,027	62,297
Head Offices[1]	—	59	154,102	—	—	—
Totals	**1,533**	**33,371**	**75,245,387**	**12,983,381**	**183,141,366**	**326,839,747**
New Brunswick:						
Under 5 employees	534	1,057	1,137,874	138,189	3,525,890	5,841,559
5 to 14 employees	311	2,492	3,910,207	441,054	12,034,437	20,454,752
15 " 49 "	145	3,785	6,439,332	705,036	23,687,853	37,159,365
50 " 99 "	41	2,874	5,801,559	683,208	17,805,839	31,006,063
100 " 199 "	17	2,313	5,156,929	901,329	13,021,209	24,792,263
200 " 499 "	11	3,573	9,932,766	2,006,999	26,845,317	52,855,351
500 " 999 "	7	8,014	22,814,682	6,285,622	67,803,540	121,596,165
1,000 and over	2					
Not classifiable	9	—	—	—	36,789	54,264
Head Offices[1]	—	143	785,113	—	—	—
Totals	**1,077**	**24,251**	**55,978,462**	**11,161,437**	**164,760,874**	**293,759,782**
Quebec:						
Under 5 employees	5,295	11,956	16,943,034	2,016,346	84,611,865	121,368,078
5 to 14 employees	3,015	24,971	48,735,902	3,405,354	142,362,522	242,164,113
15 " 49 "	2,132	58,200	124,429,223	7,161,126	301,943,436	546,584,645
50 " 99 "	632	43,771	96,312,837	5,690,138	217,439,535	416,367,926
100 " 199 "	358	49,671	118,032,354	8,372,413	299,786,406	553,189,211
200 " 499 "	232	73,103	194,456,901	23,704,269	457,499,662	911,472,165
500 " 999 "	85	59,749	180,644,270	47,100,201	641,828,442	1,147,776,692
1,000 and over	45	101,339	315,054,990	44,523,586	598,959,320	1,235,893,269
Not classifiable	230	—	—	—	1,186,925	1,418,726
Head Offices[1]	—	6,938	31,335,192	—	—	—
Totals	**12,024**	**429,698**	**1,125,944,703**	**141,973,433**	**2,745,618,113**	**5,176,234,825**
Ontario:						
Under 5 employees	4,988	11,083	17,696,666	2,197,690	56,503,322	92,168,444
5 to 14 employees	3,484	29,083	65,043,148	4,944,060	155,965,104	282,729,364
15 " 49 "	2,483	66,743	168,011,002	12,185,500	428,258,177	784,275,085
50 " 99 "	866	60,610	158,305,433	10,183,055	365,791,053	688,965,138
100 " 199 "	532	75,111	206,731,330	14,770,268	503,176,915	933,231,810
200 " 499 "	370	112,171	340,935,466	30,513,686	749,963,330	1,518,880,837
500 " 999 "	116	78,819	252,454,560	25,053,873	514,765,204	1,058,508,501
1,000 and over	74	171,014	612,207,802	73,787,515	1,611,268,668	3,011,287,020
Not classifiable	259	—	—	—	1,739,630	2,127,427
Head Offices[1]	—	5,062	22,800,998	—	—	—
Totals	**13,172**	**609,696**	**1,844,186,405**	**173,635,647**	**4,387,431,403**	**8,372,173,626**
Manitoba:						
Under 5 employees	654	1,460	2,250,454	241,769	6,185,508	10,671,233
5 to 14 employees	377	3,144	6,618,843	541,809	27,150,287	40,572,404
15 " 49 "	251	6,649	15,172,265	991,282	44,017,715	75,625,047
50 " 99 "	102	7,045	17,703,047	1,320,958	56,349,233	93,646,097
100 " 199 "	52	7,125	18,066,953	2,617,986	71,659,720	118,570,974
200 " 499 "	24	6,992	20,398,345	2,829,231	48,533,859	93,944,666
500 " 999 "	4	2,483	7,208,936	256,779	39,266,113	55,898,051
1,000 and over	5	8,281	23,951,603	758,442	54,289,801	84,860,410
Not classifiable	62	—	—	—	212,414	248,330
Head Offices[1]	—	186	777,126	—	—	—
Totals	**1,531**	**43,365**	**112,147,572**	**9,558,256**	**347,664,650**	**574,037,212**

1. Under this heading are included only those head offices that are not located at the plant.

TABLE 3. Principal Statistics of Manufacturing Industries of Canada and Each Province, Classified by Number of Employees per Establishment, 1952 — Concluded

Province and group	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
Saskatchewan:						
Under 5 employees	652	1,182	1,458,658	167,705	3,097,260	6,169,112
5 to 14 employees	217	1,803	3,831,426	439,096	13,869,898	22,463,967
15 " 49 "	77	1,941	4,915,669	551,643	15,431,504	26,413,152
50 " 99 "	32	2,264	5,961,363	862,262	26,889,553	46,084,402
100 " 199 "	14	1,729	5,231,312	819,811	28,007,408	42,323,746
200 " 499 "	7	2,206	7,441,765	2,768,983	85,031,317	115,413,198
Not classifiable	23	—	—	—	61,179	64,199
Head Offices[1]	—	182	649,669	—	—	—
Totals	**1,022**	**11,307**	**29,489,862**	**5,609,500**	**172,388,119**	**258,931,776**
Alberta:						
Under 5 employees	1,234	2,389	3,089,507	374,429	9,326,703	15,453,516
5 to 14 employees	504	3,934	8,376,236	656,044	24,903,258	41,920,985
15 " 49 "	240	6,243	15,450,038	1,169,961	41,432,031	76,315,187
50 " 99 "	62	4,352	11,767,248	849,041	49,007,781	77,384,816
100 " 199 "	34	4,665	13,141,361	2,454,116	69,813,614	107,397,813
200 " 499 "	18	5,431	16,336,205	2,396,357	73,840,820	116,134,223
500 " 999 "	5	4,581	13,515,803	472,709	63,414,212	83,707,427
1,000 and over	1	—	—	—	78,722	96,844
Not classifiable	52	170	850,796	—	—	—
Head Offices[1]	—	**31,765**	**82,527,194**	**8,372,657**	**331,817,141**	**518,410,811**
Totals	**2,150**					
British Columbia:						
Under 5 employees	1,921	4,403	6,601,581	634,913	11,454,885	24,777,947
5 to 14 employees	1,221	9,911	23,422,598	1,807,031	46,753,161	91,648,260
15 " 49 "	672	17,124	48,831,832	3,239,721	108,839,233	203,705,161
50 " 99 "	176	12,018	37,099,282	3,084,843	99,835,619	180,988,866
100 " 199 "	80	11,491	36,316,047	2,767,783	100,373,528	188,999,198
200 " 499 "	40	12,403	40,795,771	5,168,715	138,018,657	234,643,213
500 " 999 "	18	12,055	42,003,893	3,052,588	83,579,588	160,147,019
1,000 and over	7	11,978	42,622,178	5,532,281	161,925,122	247,286,714
Not classifiable	90	—	—	—	231,455	285,484
Head Offices[1]	—	1,284	5,837,794	10,427	—	—
Totals	**4,225**	**92,667**	**283,530,976**	**25,298,302**	**751,011,248**	**1,332,481,862**
Yukon and Northwest Territories:						
Under 5 employees	14	30	67,725	13,158	121,368	260,146
5 to 14 employees	8	134	462,401	176,346	954,193	2,027,893
50 " 99 "	1					
Totals	**23**	**164**	**530,126**	**189,504**	**1,075,561**	**2,288,039**

1. Under this heading are included only those head offices that are not located at the plant.

TABLE 4. Principal Statistics of the Manufacturing Industries of Canada and Each Province, Classified According to the Selling Value of Factory Shipments per Establishment, 1952

Province and size group	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
Canada:						
Under $25,000	16,123	36,388	46,812,959	4,277,571	68,774,430	147,968,877
$ 25,000 to $ 49,999	5,116	30,992	55,941,751	4,106,129	89,421,723	183,103,579
50,000 " 99,999	4,834	49,529	101,582,072	6,686,757	174,177,724	346,482,743
100,000 " 199,999	3,939	68,269	150,996,987	9,657,257	290,305,197	559,681,909
200,000 " 499,999	3,759	134,601	312,758,530	17,964,599	607,961,211	1,188,144,845
500,000 " 999,999	1,761	120,688	300,650,934	18,723,070	625,808,269	1,230,769,856
1,000,000 " 4,999,999	1,839	329,939	916,780,460	68,350,007	2,022,336,530	3,936,369,518
5,000,000 and over	558	503,947	1,688,887,977	263,205,525	5,267,387,410	9,390,165,708
Head Offices[1]	—	14,029	63,208,490	10,427	—	—
Totals	**37,929**	**1,288,382**	**3,637,620,160**	**392,981,342**	**9,146,172,494**	**16,982,687,035**
Newfoundland:						
Under $25,000	801	1,403	988,443	102,177	1,622,887	3,556,851
$ 25,000 to $ 49,999	37	323	384,601	41,484	591,407	1,267,162
50,000 " 99,999	29	405	715,294	54,192	937,135	2,033,001
100,000 " 199,999	26	656	1,344,866	107,023	1,804,896	3,542,950
200,000 " 499,999	25	935	1,859,108	197,061	4,677,890	8,123,627
500,000 " 999,999	22	2,007	3,704,409	548,168	6,769,507	14,954,867
1,000,000 " 4,999,999	6	4,569	16,219,450	2,822,945	29,073,898	71,981,226
5,000,000 and over	2	5	17,680	—	—	—
Head Offices[1]	—	**10,303**	**25,233,851**	**3,873,050**	**45,477,620**	**105,459,684**
Totals	**948**					

1. Under this heading are included only those head offices that are not located at the plant.

TABLE 4. Principal Statistics of the Manufacturing Industries of Canada and Each Province, Classified According to the Selling Value of Factory Shipments per Establishment, 1952 — Continued

Province and size group	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
Prince Edward Island:						
Under $25,000	125	266	192,985	27,608	583,955	1,058,473
$ 25,000 to $ 49,999	27	157	200,537	25,538	681,086	1,010,691
50,000 " 99,999	26	272	326,143	41,475	1,243,630	1,908,007
100,000 " 199,999	23	377	493,869	62,701	2,124,206	3,026,904
200,000 " 499,999	18	345	679,092	81,984	4,008,629	5,418,728
500,000 " 999,999	3					
1,000,000 " 4,999,999	1	378	912,996	86,869	7,144,893	9,646,868
5,000,000 and over	1					
Totals	**224**	**1,795**	**2,805,622**	**326,175**	**15,786,399**	**22,069,671**
Nova Scotia:						
Under $25,000	782	1,680	1,668,483	147,655	3,267,218	6,443,007
$ 25,000 to $ 49,999	217	1,401	1,886,975	175,537	4,084,433	7,696,278
50,000 " 99,999	198	2,208	3,246,159	299,743	7,808,652	13,913,512
100,000 " 199,999	131	2,547	4,130,660	443,261	9,772,849	17,977,577
200,000 " 499,999	111	3,605	6,566,030	875,984	20,615,035	34,013,392
500,000 " 999,999	47	3,353	6,707,864	755,456	17,335,515	30,248,250
1,000,000 " 4,999,999	35	7,460	16,865,107	1,449,122	36,025,822	70,298,853
5,000,000 and over	12	11,058	34,020,007	8,836,623	84,231,842	146,248,878
Head Offices[1]	—	59	154,102	—	—	—
Totals	**1,533**	**33,371**	**75,245,387**	**12,983,381**	**183,141,366**	**326,839,747**
New Brunswick:						
Under $25,000	543	1,233	1,184,939	119,663	2,242,533	4,405,665
$ 25,000 to $ 49,999	153	989	1,362,531	142,272	3,033,345	5,512,348
50,000 " 99,999	143	1,554	2,348,866	207,696	5,438,917	9,998,561
100,000 " 199,999	98	1,897	3,099,237	380,570	7,365,218	13,796,855
200,000 " 499,999	72	2,629	5,048,229	455,063	13,401,465	22,394,904
500,000 " 999,999	19	1,657	3,436,676	424,616	6,992,698	13,752,468
1,000,000 " 4,999,999	37	6,032	13,115,392	1,649,748	40,216,376	69,912,896
5,000,000 and over	12	8,117	25,597,479	7,781,809	86,070,322	153,986,085
Head Offices[1]	—	143	785,113	—	—	—
Totals	**1,077**	**24,251**	**55,978,462**	**11,161,437**	**164,760,874**	**293,759,782**
Quebec:						
Under $25,000	4,639	10,967	14,172,117	1,255,337	23,608,146	46,791,672
$ 25,000 to $ 49,999	1,801	11,021	18,586,917	1,249,675	33,571,573	64,153,713
50,000 " 99,999	1,719	18,060	34,083,644	1,972,851	65,530,221	122,686,090
100,000 " 199,999	1,356	23,920	48,325,508	2,571,691	105,420,725	192,416,397
200,000 " 499,999	1,284	49,966	104,415,805	5,033,929	209,940,735	405,119,327
500,000 " 999,999	546	40,337	91,982,014	5,138,933	199,136,486	379,892,045
1,000,000 " 4,999,999	513	102,055	260,797,608	20,229,753	550,613,136	1,089,591,463
5,000,000 and over	166	166,434	522,245,878	104,521,564	1,557,797,091	2,875,584,118
Head Offices[1]	—	6,938	31,335,212	—	—	—
Totals	**12,024**	**429,698**	**1,125,944,703**	**141,973,433**	**2,745,618,113**	**5,176,234,825**
Ontario:						
Under $25,000	4,708	11,175	16,122,681	1,481,065	20,711,199	47,025,247
$ 25,000 to $ 49,999	1,771	10,454	20,512,304	1,506,676	30,239,328	64,086,214
50,000 " 99,999	1,752	17,598	38,795,119	2,564,361	61,550,401	126,095,991
100,000 " 199,999	1,487	26,270	61,683,494	3,761,031	105,428,216	212,801,836
200,000 " 499,999	1,492	54,869	135,029,963	7,347,339	230,680,772	474,100,053
500,000 " 999,999	792	54,569	143,580,944	8,585,446	268,177,207	557,466,714
1,000,000 " 4,999,999	901	166,577	486,489,184	33,256,561	996,043,710	1,976,402,460
5,000,000 and over	269	263,122	919,171,718	115,133,168	2,674,600,570	4,914,195,111
Head Offices[1]	—	5,062	22,800,998	—	—	—
Totals	**13,172**	**609,696**	**1,844,186,405**	**173,635,647**	**4,387,431,403**	**8,372,173,626**
Manitoba:						
Under $25,000	685	1,517	2,120,471	171,055	2,719,598	6,108,881
$ 25,000 to $ 49,999	166	1,064	2,038,290	155,798	2,573,084	5,855,832
50,000 " 99,999	153	1,637	3,484,650	211,987	5,307,227	11,099,058
100,000 " 199,999	162	2,508	5,362,908	339,805	12,421,376	22,271,131
200,000 " 499,999	180	6,011	13,764,584	834,834	30,275,436	56,425,338
500,000 " 999,999	80	5,018	12,310,727	587,523	31,624,623	56,710,864
1,000,000 " 4,999,999	86	12,693	33,465,403	3,038,873	98,496,081	180,262,367
5,000,000 and over	19	12,731	38,823,413	4,218,381	164,247,225	235,303,741
Head Offices[1]	—	186	777,126	—	—	—
Totals	**1,531**	**43,365**	**112,147,572**	**9,558,256**	**347,664,650**	**574,037,212**

1. Under this heading are included only those head offices that are not located at the plant.

TABLE 4. Principal Statistics of the Manufacturing Industries of Canada and Each Province, Classified According to the Selling Value of Factory Shipments per Establishment, 1952 — Concluded

Province and size group	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
Saskatchewan:						
Under $25,000	661	1,241	1,411,087	142,404	1,764,095	4,312,257
$ 25,000 to $ 49,999	83	533	905,036	82,142	1,270,545	2,864,966
50,000 " 99,999	80	765	1,791,300	168,926	2,381,090	5,665,238
100,000 " 199,999	68	763	1,861,891	237,781	5,378,745	9,824,930
200,000 " 499,999	70	1,681	4,254,015	488,130	13,468,121	22,696,118
500,000 " 999,999	22	1,176	3,134,968	262,790	8,714,692	14,520,797
1,000,000 " 4,999,999	27	2,336	6,248,185	519,819	23,584,395	44,243,621
5,000,000 and over	11	2,630	9,233,711	3,707,508	115,826,436	154,803,849
Head Offices[1]	—	182	649,669	—	—	—
Totals	**1,022**	**11,307**	**29,489,862**	**5,609,500**	**172,388,119**	**258,931,776**
Alberta:						
Under $25,000	1,230	2,400	2,846,417	289,976	3,895,688	8,854,578
$ 25,000 to $ 49,999	232	1,334	2,509,405	182,841	3,659,616	8,211,057
50,000 " 99,999	220	2,007	4,482,246	364,054	7,987,318	16,112,846
100,000 " 199,999	175	2,543	5,865,756	459,437	13,356,438	24,909,749
200,000 " 499,999	148	4,184	10,456,104	600,946	24,929,610	45,976,789
500,000 " 999,999	61	3,209	8,302,463	489,711	23,088,812	42,189,491
1,000,000 " 4,999,999	62	8,967	24,554,044	1,382,963	77,244,576	132,430,949
5,000,000 and over	22	6,951	22,659,963	4,602,729	177,655,083	239,725,352
Head Offices[1]	—	170	850,796	—	—	—
Totals	**2,150**	**31,765**	**82,527,194**	**8,372,657**	**331,817,141**	**518,410,811**
British Columbia:						
Under $25,000	1,937	4,482	6,060,151	528,665	8,313,402	19,278,374
$ 25,000 to $ 49,999	627	3,709	7,544,025	541,274	9,684,867	22,378,670
50,000 " 99,999	508	4,983	12,175,128	794,121	15,800,591	36,538,543
100,000 " 199,999	412	6,778	18,808,498	1,292,194	27,195,478	59,009,077
200,000 " 499,999	358	10,362	30,621,745	2,045,129	55,852,640	113,642,847
500,000 " 999,999	169	9,194	27,112,054	1,907,961	62,628,907	118,786,105
1,000,000 " 4,999,999	170	22,560	72,642,272	6,399,367	192,598,850	360,371,623
5,000,000 and over	44	29,315	102,729,309	11,779,164	378,936,513	602,476,623
Head Offices[1]	—	1,284	5,837,794	10,427	—	—
Totals	**4,225**	**92,667**	**283,530,976**	**25,298,302**	**751,011,248**	**1,332,481,862**
Yukon and Northwest Territories:						
Under $25,000	12					
$ 25,000 to $ 49,999	2	31	56,315	15,158	78,148	200,520
50,000 " 99,999	6	40	133,523	7,351	192,542	431,896
100,000 " 199,999	1					
200,000 " 499,999	1	93	340,288	166,995	804,871	1,655,623
1,000,000 " 4,999,999	1					
Totals	**23**	**164**	**530,126**	**189,504**	**1,075,561**	**2,288,039**

1. Under this heading are included only those head offices that are not located at the plant.

Section 2. The Manufactures of the Atlantic Provinces, 1951

The Atlantic Provinces are of economic importance in a number of fields, such as pulp and paper, fish processing, sawmills and primary iron and steel. In Newfoundland manufacturing production is dominated by the forest and fisheries resources. Pulp and paper was the most important industry in 1952 with shipments valued at $62,812,294, followed by fish processing with $11,275,456. These two industries accounted for 70 per cent of the total production of the Province. In Prince Edward Island agriculture and fishing resources make butter and cheese, fish processing, and prepared stock and poultry feeds the leading industries. Nova Scotia is renowned for its coal mines and its fisheries as well as extensive forests and agricultural lands and is favoured with easy access by sea to the high-grade iron-ore supply of Newfoundland. On these resources are based the leading manufactures of fish processing, primary iron and steel, railway rolling-stock, sawmills, pulp and paper, shipbuilding and repairs, and butter and cheese. In addition, important petroleum refineries; cotton yarn and cloth; and coke and gas plants add to the diversification of manufacturing in the Province. The forests of New Brunswick give a leading place to its pulp and paper and sawmilling industries. Other important manufacturing and processing was based on fish and agricultural resources.

Considering the Atlantic Provinces as an economic unit, pulp and paper was the leading industry in 1952 with shipments valued at $169,068,097. This was followed by fish processing with $72,350,599, sawmills $45,300,649 and primary iron and steel $40,477,549. These four industries accounted for about 44 per cent of the total production of the Atlantic region. Other leading industries, in order of value of shipments, and with shipments valued $10,000,000 or more were: railway rolling-stock, sugar refining, petroleum products, shipbuilding and repairs, butter and cheese, slaughtering and meat packing, sash, door and planing mills, bread and other bakery products, miscellaneous foods, coke and gas products, cotton yarn and cloth, prepared stock and poultry feeds, miscellaneous iron steel and printing and publishing.

According to the table below manufacturing establishments reporting in 1952 numbered 3,782 for the Atlantic Provinces as a whole. These plants furnished employment to 69,720 persons who received $159,263,322 in salaries and wages. They also shipped goods with a selling value at the factory of $748,128,884 and spent $409,166,259 for materials, while the value added by manufacture totalled $310,618,582.

Principal Statistics of the Atlantic Provinces, 1952

Province	Establishments	Employees	Earnings	Cost of materials	Value added by manufacture	Selling value of factory shipments
	No.	No.	$'000	$'000	$'000	$'000
Newfoundland	948	10,303	25,234	45,478	56,109	105,460
Prince Edward Island	224	1,795	2,806	15,786	5,957	22,070
Nova Scotia	1,533	33,371	75,245	183,141	130,715	326,840
New Brunswick	1,077	24,251	55,978	164,761	117,837	293,760
Totals	**3,782**	**69,720**	**159,263**	**409,166**	**310,618**	**748,130**

Nova Scotia and New Brunswick, despite the lack of large rivers, have valuable sources of hydraulic power, a considerable portion of which has been developed. Tentative estimates give Newfoundland a potential of almost 1,000,000 h.p. at ordinary minimum flow, while in Labrador, the Hamilton River is outstanding as a potential source of power. Turbine installation at the end of 1953 totalled 306,150 h.p. in Newfoundland, 1,900 in Prince Edward Island, 171,433 in Nova Scotia and 166,018 in New Brunswick. Compared with Quebec, Ontario and British Columbia, the installed power in the Atlantic Provinces, is very small, amounting to 645,502 h.p. This compares with a total of 1,034,695 in the Prairie Provinces and 15,410,880 in the whole of Canada.

In the Atlantic region the program of industrial development has been more selective than in some of the other provinces. Fish processing, new sawmills, increased pulp-making capacity and the manufacture of non-metallic building materials, like cement and gypsum products, have accounted for well over half of the industrial growth. There are, however, a few outstanding exceptions. Two sizeable defence plants have been established in Nova Scotia, one to repair and overhaul naval aircraft and the other to build and repair radar and electronic equipment. Considerable development has taken place in Newfoundland. Besides plants for the manufacture of cement and gypsum wallboard and plaster, factories for producing boots and shoes, birch veneer, cotton textiles, leather and optical goods, industrial machinery and a leather tannery were established, thus broadening the industrial base of the province. With these exceptions, most of the developments in the Atlantic Provinces have been either small and and scattered or confined to the modernization and expansion of manufacturing facilities that were already established at the close of World War II.

In spite of the rapid development in the Atlantic Provinces since 1949 manufacturing production did not quite keep pace with the development in the more industralized provinces of Ontario, Quebec and British Columbia. This is indicated by a slight drop in the Atlantic Provinces' share of the Canadian total which declined from 4.52 in 1949 to 4.41 in 1952. In number of persons employed the Atlantic Provinces with an increase of 10 per cent did as well as Canada as a whole. For salaries and wages paid the increase was 34 per cent as compared with 40 per cent for Canada and in factory shipments the increase was 31 per cent for the Atlantic provinces and 36 per cent for Canada as a whole.

Variation in Employment and Factory Shipments, 1952 Compared with 1949

Province	Employees	Earnings	Factory shipments
	p.c.	p.c.	p.c.
Newfoundland[1]	+ 16	+ 44	+ 40
Prince Edward Island	+ 3	+ 32	+ 22
Nova Scotia	+ 14	+ 38	+ 32
New Brunswick	+ 3	+ 27	+ 27
Atlantic Provinces	+ 10	+ 34	+ 31
Canada	+ 10	+ 40	+ 36

1. Exclusive of fish processing.

TABLE 5. Principal Statistics of the Leading Industries of the Province of Newfoundland, 1952

No.	Industry	Establishments	Employees	Earnings	Cost of materials	Value added by manufacture	Selling value of factory shipments
		No.	No.	$	$	$	$
1	Pulp and paper[1]	3	3,538	14,420,551	23,876,477	36,359,335	62,812,294
2	Fish processing	40	2,225	3,068,083	5,899,707	4,927,022	11,275,456
3	Sawmills	696	1,229	839,926	1,737,876	1,911,492	3,743,603
4	Sash, door and planing mills	29	326	629,079	2,216,025	1,107,870	3,354,669
5	Bread and other bakery products	11	221	478,093	1,734,392	880,936	2,679,398
6	Breweries	3	133	394,366	631,119	1,727,735	2,436,931
7	Carbonated beverages	10	149	280,439	689,369	1,166,502	1,892,895
8	Printing and publishing	7	222	649,955	230,381	952,757	1,209,327
9	All other leading industries[2]	11	784	1,709,133	5,314,183	3,453,899	8,908,372
	Totals, leading industries	**810**	**8,827**	**22,469,625**	**42,329,529**	**52,487,548**	**98,312,945**
	Totals, all industries	**948**	**10,303**	**25,233,851**	**45,477,620**	**56,109,014**	**105,459,684**
	Percentage of leading industries to all industries	85.4	85.7	89.0	93.1	93.5	93.2

1. Publication of these figures was authorized by the firms concerned.
2. Includes: Biscuits, Cordage, rope and twine, Dairy products n.e.s., Miscellaneous food preparations n.e.s., Paints, varnishes and lacquers, Tobacco, cigars and cigarettes.

TABLE 6. Principal Statistics of the Leading Industries of the Province of Prince Edward Island, 1952

No.	Industry	Establishments	Employees	Earnings	Cost of materials	Value added by manufacture	Selling value of factory shipments
		No.	No.	$	$	$	$
1	Butter and cheese	23	147	283,882	3,195,716	535,724	3,792,827
2	Fish processing	54	511	465,116	2,448,649	784,599	3,291,312
3	Feeds, stock and poultry, prepared	10	58	105,134	1,052,935	236,178	1,305,436
4	Printing and publishing	3	142	311,165	147,879	452,924	611,476
5	Fruit and vegetable preparations	6	80	96,376	335,702	224,947	578,420
6	Sawmills	74	137	106,664	291,021	275,061	578,047
7	Bread and other bakery products	10	73	105,635	218,955	178,516	415,767
8	Sash, door and planing mills	3	64	93,409	265,000	124,112	393,982
9	Carbonated beverages	6	29	50,597	127,255	177,208	319,657
10	All other leading industries[1]	6	398	957,699	7,298,129	2,570,668	9,957,420
	Totals, leading industries	**195**	**1,639**	**2,575,677**	**15,381,241**	**5,559,937**	**21,244,344**
	Totals, all industries	**224**	**1,795**	**2,805,622**	**15,786,399**	**5,957,097**	**22,069,671**
	Percentage of leading industries to all industries	87.0	91.3	91.8	97.4	93.3	96.3

1. Includes: Slaughtering and meat packing; Fertilizers; Bags, cotton and jute; Shipbuilding; Sheet metal products.

TABLE 7. Principal Statistics of the Leading Industries of the Province of Nova Scotia, 1952

No.	Industry	Establishments	Employees	Earnings	Cost of materials	Value added by manufacture	Selling value of factory shipments
		No.	No.	$	$	$	$
1	Primary iron and steel	5	5,319	15,802,344	22,466,114	13,466,311	40,477,549
2	Fish processing	198	4,424	6,827,099	27,107,556	12,232,144	40,010,340
3	Railway rolling stock	3	1,416	3,790,710	15,876,767	5,957,374	22,119,270
4	Shipbuilding	19	2,984	8,541,349	7,544,041	13,117,301	20,975,702
5	Sawmills	675	3,308	4,195,876	10,886,569	8,939,683	20,162,764
6	Pulp and paper	4	1,156	3,919,568	7,171,960	11,182,362	19,739,891
7	Miscellaneous iron and steel products	4	1,134	3,166,383	5,368,978	4,537,432	10,352,537
8	Butter and cheese	23	576	1,190,632	6,256,251	2,575,487	9,168,651
9	Sash, door and planing mills	58	1,040	1,898,942	5,392,742	2,498,972	7,998,690
10	Bread and other bakery products	75	809	1,589,567	3,872,059	3,416,295	7,535,187
11	Printing and publishing	29	733	1,865,900	1,161,464	3,812,218	5,047,846
12	Confectionery	8	986	1,493,013	2,794,365	1,812,732	4,688,168
13	Knitted goods other than hosiery	3	626	1,108,778	2,527,844	1,680,574	4,286,273
14	Carbonated beverages	31	303	624,401	1,284,079	2,292,433	3,691,014
15	Clothing, men's factory	7	429	545,525	2,040,006	1,457,152	3,514,172
16	Feeds, stock and poultry, prepared	10	93	170,508	2,755,011	489,757	3,269,030
17	Fruit and vegetable preparations	17	470	609,531	1,867,180	1,239,513	3,196,737
18	Miscellaneous food preparations	9	173	315,934	1,849,831	735,858	2,613,372
19	Fertilizers	3	58	132,196	1,494,265	686,673	2,193,434
20	All other leading industries[1]	8	2,692	8,219,219	36,100,484	21,356,220	60,075,333
	Totals, leading industries	**1,189**	**28,729**	**66,007,475**	**165,817,566**	**113,586,491**	**291,115,960**
	Totals, all industries	**1,533**	**33,371**	**75,245,387**	**183,141,366**	**130,715,000**	**326,839,747**
	Percentage of leading industries to all industries	77.6	86.1	87.7	90.5	86.9	89.1

1. Includes: petroleum products; coke and gas products; cotton yarn and cloth; wire and wire goods; breweries; aircraft and parts.

TABLE 8. Principal Statistics of the Leading Industries, of the Province of New Brunswick, 1952

No.	Industry	Establishments	Employees	Earnings	Cost of materials	Value added by manufacture	Selling of factory shipments
		No.	No.	$	$	$	$
1	Pulp and paper	7	3,759	14,785,530	40,125,924	39,780,761	86,515,912
2	Sawmills	409	2,918	4,550,238	11,587,413	8,986,159	20,816,235
3	Fish processing	176	2,769	3,092,225	12,577,032	4,779,666	17,773,491
4	Slaughtering and meat packing	3	368	1,145,027	10,062,605	1,934,347	12,077,162
5	Miscellaneous food preparations, n.e.s.	11	334	502,946	6,911,262	2,692,355	9,642,283
6	Sash, door and planing mills	62	1,026	1,998,153	5,677,411	3,385,338	9,152,872
7	Butter and cheese	31	385	767,258	6,093,875	2,083,979	8,389,425
8	Bread and other bakery products	67	793	1,493,258	3,365,096	3,031,960	6,644,329
9	Feeds, stock and poultry, prepared	13	175	376,595	5,671,081	621,112	6,341,790
10	Heating and cooking apparatus	3	633	1,780,066	2,209,156	3,400,691	5,731,076
11	Fertilizers	3	135	383,316	2,893,957	1,057,113	3,998,476
12	Biscuits	3	373	707,596	1,688,781	2,008,024	3,741,783
13	Printing and publishing	19	634	1,403,219	674,716	2,664,294	3,396,585
14	Confectionery	3	362	625,826	1,283,396	1,044,109	2,365,596
15	Footwear, leather	4	316	541,978	1,225,516	1,072,988	2,315,353
16	Miscellaneous wood products, n.e.s.	6	164	344,496	1,544,651	600,231	2,206,918
17	Carbonated beverages	20	216	447,133	763,111	1,331,235	2,164,280
18	All other leading industries[1]	12	6,247	15,466,023	41,095,772	27,922,052	70,558,574
	Totals, leading, industries	**852**	**21,607**	**50,410,883**	**155,450,755**	**108,396,414**	**273,832,140**
	Totals, all industries	**1,077**	**24,251**	**55,978,462**	**164,760,874**	**117,837,471**	**293,759,782**
	Percentage of leading industries to all industries	79.1	89.1	90.0	94.3	92.0	93.2

1. Includes: Brass and copper products, Breweries, Brooms, brushes and mops, Cotton yarn and cloth, Gypsum products, Railway rolling stock, Shipbuilding, Sugar refining, Synthetic textiles and silk.

Section 3. The Manufactures of Quebec, 1952

Quebec with 30 per cent of Canada's total value of manufactured goods comprises the second largest industrial province in Canada. Quebec has developed a $5 billion manufacturing output with such leading industries as pulp and paper, non-ferrous metal-smelting and refining, petroleum products, slaughtering and meat packing, cotton yarn and cloth, men's and women's clothing, tobacco, cigars and cigarettes, synthetic textiles and silk, railway-rolling stock and leather footwear. In common with the rest of Canada, Quebec experienced a great industrial expansion following the second World War. Nor was this expansion confined to the existing industrial areas, but spread to many towns and villages in the accessible areas of the province.

Quebec's leading industry is pulp and paper with an output of approximately $500 million in 1952. Quebec is a principal world centre for the production of newsprint with 55 major pulp and paper plants concentrated in the Three Rivers and Shawinigan Falls districts as well as along the Saguenay, Ottawa, and St. Lawrence rivers. The production of non-ferrous metals has expanded considerably during the past decade. The output of aluminum has made impressive strides during the past years and reached a record total of 500,000 tons in 1952. After the end of the war, with the disappearance of the demands for defense, surplus productive capacity appeared. New civilian uses were found to take up the slack, so that by 1948 the industry was producing 75 p.c. of its peak wartime output. To this has been added the defense demands created by the Korean war and in 1952 the peak level of production attained in 1943 has again been reached. Quebec, with its new furniture factories, its new titanium smelter and its expanded aluminium-making facilities, is challenging Ontario's long established lead in a number of the wood and non-ferrous metal products industries.

There are several important factors which contributed to the great industrial development of the Province. To begin with, the geographic situation of the Province is extremely favourable, with an excellent large harbour 800 miles inland where sea-going vessels of heavy tonnage can dock. There is also an extensive highway system linking the small rural areas to the big industrial centres. Other significant factors include abundant forest resources, water power, minerals, agricultural lands and, of even more importance, an industrious and stable population.

Quebec ranks highest in available water-power resources, having more than 40 p.c. of the total recorded for all Canada. Its power development has been remarkable and its present installation of 7,717,860 h.p. represents over 50 p.c. of the total for Canada. The St. Lawrence River Beauharnois development of 1,408,000 h.p. and the Saguenay River Shipshaw development of 1,200,000 h.p. are the two largest in the country.

Two of the most important industrial developments in Quebec today are the Ungava iron ore project and the new titanium industry. With the exploitation of the Ungava iron deposits on which it is believed, the future of the great steel industries of this Continent rests, Quebec's industrial base is being expanded to the point where the future industrial development of this Province is well assured.

Quebec's industries are not as diversified as those of Ontario, although a number have an output approximately half or more of the total Canadian production. The manufacture of pulp and paper occupies the premier position. Fifty years ago this industry had hardly come into existence in the Province and in the mid-1920's the annual gross value of production had not yet reached $100,000,000. By the end of 1952 it accounted for about 10 p.c. of the gross value of Quebec's manufactures and for about 44 p.c. of the Canadian total for this industry. Other large Canadian industries in which Quebec predominates are: tobacco, cigars and cigarettes 93.5 p.c. of the Canadian total; women's factory clothing 68.2 p.c.; synthetic textiles and silk 62.9 p.c.; cotton yarn and cloth 62.4 p.c.; leather footwear 60.0 p.c.; men's factory clothing 56.5 p.c.; miscellaneous electrical apparatus and supplies 48.3 p.c.; railway rolling stock 47.8 p.c. and pulp and paper 43.9 p.c.

Quebec also predominates in a large number of the smaller industries. The candle industry contributed 98.2 p.c. of the Canadian total; men's clothing contractors 92.4 p.c.; women's clothing contractors 86.9 p.c.; cotton thread 81.0 p.c.; oiled and waterproofed clothing 78.5 p.c.; children's clothing 77.6 p.c.; dyeing and finishing of textiles 75.0 p.c.; oilcloth, linoleum and coated fabrics 74.1 p.c.; artificial flowers and feathers 73.6 p.c.; lasts, trees and shoe findings 71.7 p.c.; embroidery, pleating and hemstitching 70.5 p.c.; corsets 68.4 p.c.; narrow fabrics 68.3 p.c.; miscellaneous clothing 65.4 p.c.; boot and shoe findings, leather, 65.3 p.c.; asbestos products 64.4 p.c.; fur dressing and dyeing 60.5 p.c.; process cheese 58.8 p.c.; miscellaneous textiles 56.5 p.c.; fur goods 53.6 p.c.; musical instruments 47.5 p.c.; medicinal and pharmaceutical preparations 47.4 p.c.; buttons 44.5 p.c.; woollen cloth 43.1 p.c.

Manufacturing establishments reporting in 1952 numbered 12,024. These plants furnished employment to 429,698 persons who received $1,125,944,703 in salaries and wages. They also shipped goods with a selling value at the factory of $5,176,234,825 and spent $2,745,618,113 for materials, while the value added by manufacture totalled $2,288,643,279. Compared with the previous year there was an increase of 3.0 p.c. in the number of persons employed, 12.0 p.c. in the salaries and wages paid, 3.6 p.c. in value of shipments and 10.0 p.c. in value added by manufacture.

TABLE 9. Statistics of the Leading Industries of the Province of Quebec, 1952

No.	Industry	Establishments	Employees	Earnings	Cost of materials	Value added by manufacture	Selling value of factory shipments
		No.	No.	$	$	$	$
1	Pulp and paper	55	23,928	92,618,338	224,571,652	244,706,973	508,123,821
2	Non-ferrous metal smelting and refining	8	9,768	33,526,861	184,862,372	104,227,141	317,811,473
3	Petroleum products	8	2,660	10,585,447	174,406,024	79,663,408	264,754,614
4	Slaughtering and meat packing	39	4,568	13,609,341	157,131,835	31,277,516	189,403,163
5	Railway rolling stock	9	17,127	50,611,035	82,300,614	74,122,930	158,827,706
6	Clothing, men's factory	347	19,617	37,844,860	85,045,156	71,205,156	156,665,126
7	Clothing, women's, factory	525	18,598	38,210,452	77,309,252	70,695,363	148,313,470
8	Cotton yarn and cloth	23	13,947	32,842,242	91,434,443	47,393,766	141,304,092
9	Tobacco, cigars and cigarettes	33	6,935	20,352,735	69,039,035	59,973,778	129,361,513
10	Butter and cheese	721	5,431	11,505,685	88,225,213	21,289,304	111,546,525
11	Miscellaneous electrical apparatus and supplies	36	12,020	37,796,910	40,806,562	63,769,758	105,524,869
12	Aircraft and parts	18	14,705	43,051,790	57,820,814	44,551,104	102,995,292
13	Synthetic textiles and silk	35	11,502	30,523,948	41,023,776	55,852,193	99,118,924
14	Sawmills	1,844	10,136	16,309,832	56,569,658	31,744,320	89,264,991
15	Miscellaneous food preparations	83	2,594	6,265,442	56,150,291	24,414,170	81,154,192
16	Machinery, industrial	65	7,442	25,334,588	28,345,455	49,868,672	79,091,702
17	Footwear, leather	173	12,948	24,305,325	39,058,248	37,583,255	76,978,404
18	Bread and other bakery products	946	9,668	20,038,773	35,862,928	35,464,620	73,704,512
19	Brass and copper products	37	3,154	9,805,190	51,607,478	19,578,585	72,010,316
20	Shipbuilding	12	8,458	24,106,231	24,387,848	40,511,035	65,816,898
21	Furniture	486	9,212	20,787,133	30,530,467	34,564,197	65,791,630
22	Primary iron and steel	14	4,503	15,358,658	21,977,037	35,193,598	60,535,519
23	Feeds, stock and poultry, prepared	208	1,524	3,195,809	50,085,310	7,659,152	58,287,177
24	Sheet metal products	70	4,999	15,271,186	28,627,079	25,976,517	55,163,035
25	Rubber goods, including footwear	26	6,139	16,284,215	22,280,838	29,677,642	52,695,709
26	Printing and publishing	85	6,772	20,084,335	15,426,412	36,791,809	52,587,121
27	Boxes and bags, paper	53	4,441	10,046,654	30,877,675	20,016,977	51,250,624
28	Breweries	6	2,448	9,298,789	16,164,626	33,709,591	50,658,974
29	Bridge building and structural steel	11	3,464	12,431,761	22,982,681	23,971,517	47,373,780
30	Miscellaneous chemical products	68	6,350	17,142,845	20,699,642	23,135,193	45,284,471
31	Sash, door and planing mills	763	5,654	10,900,810	26,874,015	17,384,642	44,985,205
32	Distilled liquors	8	2,140	6,504,777	16,231,634	27,664,051	44,887,778
33	Acids, alkalies and salts	10	3,314	11,791,790	16,123,753	24,008,063	43,805,550
34	Medicinal and pharmaceutical preparations	91	3,624	10,383,613	12,634,109	28,643,191	41,754,193
35	Printing and bookbinding	549	6,684	17,546,412	14,001,751	26,987,025	41,393,254
36	Miscellaneous iron and steel products	85	3,853	12,488,687	21,305,208	17,003,861	38,902,382
37	Knitted goods, other than hosiery	65	4,859	8,839,854	21,984,332	16,417,206	38,761,477
38	Carbonated beverages	174	2,709	6,537,688	12,874,106	25,162,231	38,655,451
39	Miscellaneous paper goods	66	2,762	6,414,162	21,535,582	15,973,847	37,759,666
40	Aluminum products	21	2,287	7,519,231	24,165,370	12,607,037	37,097,498
	Totals, leading industries[1]	**7,876**	**302,944**	**818,073,434**	**2,113,340,281**	**1,690,440,394**	**3,919,402,097**
	Totals, all industries	**12,024**	**429,698**	**1,125,944,703**	**2,745,618,113**	**2,288,643,279**	**5,176,234,825**
	Percentage of leading industries to all industries	65.5	70.5	72.7	77.0	73.9	75.7

1. Sugar refining is also a leading industry. Statistics, however, are confidential.

Section 4. The Manufactures of Ontario, 1952

Ontario, which is now recognized as one of the world's major industrial areas, accounts for approximately half of Canada's manufacturing production. Here, the proximity of raw materials, cheap hydro-electric power, and a strategic location in relation to export markets, not only on this continent but overseas, have been the decisive factors in the development of Ontario to its present industrial position. Most of the manufactures of the province and most of its population are located in Southern Ontario. This area has the inestimable advantage of bordering on the St. Lawrence-Great Lakes waterway system which give access westward to the heart of the continent and eastward to the shipping routes of the world, and which is also the source of most of Ontario's hydro-electricity. Many new industrial areas are being created as new industries and branch plants of established industries are increasingly being located in the smaller towns.

Despite the great industrial progress made by other provinces, Ontario in 1952 produced over 49 per cent of the nation's manufactured goods. A vast increase in steel ingot capacity is being made possible by developments at Steep Rock Iron Mines. At Sarnia, huge investments have gone into the construction of new plant for a whole group of new products based on Alberta oil flowing through the Edmonton-Superior pipe line. Other significant developments are taking place in synthetic rubber and industrial and consumer chemicals. Ontario has continued to gain in such traditional lines as motor vehicles, industrial and farm machinery, and the manufacture of household equipment. The same may be said of other "hard" goods like business and office machinery and electrical apparatus and supplies. Numerous plants making aircraft components and building materials have favoured the Toronto area, and chemical production has been rising by leaps and bounds in the vicinity of Sarnia and along the lower reaches of the St. Lawrence River between Cornwall and Kingston.

Ontario also has the greatest diversification of manufacturing production of any province. Certain industries, such as the manufacture of motor vehicles, motor vehicle parts, heavy electrical machinery, agricultural implements, machine tools, starch and glucose, bicycles and the processing of raw tobacco are carried on in practically this province alone. Of the forty leading industries in Canada in 1952, a substantial number of them was dominated by Ontario's share of the total produc-

tion. These industries, with the percentage which the production of each bears to that of the 1952 Canada totals are as follows: motor vehicles 97.9, motor vehicle parts 96.2, heavy electrical machinery 94.5, agricultural implements 93.7, rubber goods 81.5, primary iron and steel 76.8, iron castings 71.3, fruit and vegetable preparations 65.9, miscellaneous paper products 62.3, sheet metal products 59.7, printing and bookbinding 58.8, brass and copper products 55.9, boxes and bags, paper 54.3, industrial machinery 54.0, aircraft and parts 52.3, furniture 50.1 and miscellaneous electrical apparatus 49.8. In addition Ontario dominated many of the smaller industries in 1952 as follows: machine tools 100.0, starch and glucose 99.5, bicycles and parts 96.8, tobacco processing and packing 95.5, soaps and washing compounds 90.0, breakfast foods 89.7, wine 88.1, carpets, mats and rugs, 88.0, typewriter supplies 87.9, auto accessories, fabric 87.5, cordage, rope and twine 86.3, leather tanneries 84.7, batteries 83.9, artificial abrasives 82.8, scientific and professional equipment 77.1, wool yarn 76.9, white metal alloys 76.4, sporting goods 76.3, boilers and plate work 75.5, refrigerators, vacuum cleaners and appliances 75.4, toys and games 75.1, miscellaneous non-ferrous metal products 72.8, hardware, tools and cutlery 72.7, jewellery and silverware 71.2, radios and parts 69.6, household and office machinery 68.5, feed mills 68.8, acids, alkalies and salts 59.7, aluminium products 57.6, confectionery 56.7, animal oils and fats 55.0, knitted goods 54.1, and hosiery 49.6.

Manufacturing establishments reporting in 1952 numbered 13,172. These plants furnished employment to 609,696 persons who received $1,844,186,405 in salaries and wages. They also produced goods with a selling value at the factory of $8,372,173,626, and spent $4,387,431,403 for materials, while the value added by manufacture totalled $3,811,116,576. Compared with the previous year there was an increase of 1.7 p.c. in the number of persons employed, 10.5 p.c. in the salaries and wages paid, 3.7 p.c. in the gross value of products and 6.8 p.c. in the value added by manufacture.

TABLE 10. Statistics of the Leading Industries of the Province of Ontario, 1952

No.	Industry	Establishments	Employees	Earnings	Cost of materials	Value added by manufacture	Selling value of factory shipments
		No.	No.	$	$	$	$
1	Motor vehicles	12	29,853	109,967,579	486,328,048	262,419,364	751,369,766
2	Primary iron and steel	24	23,479	87,661,218	189,473,864	174,754,213	386,834,377
3	Non-ferrous metal smelting and refining	7	10,018	36,543,608	181,561,411	150,509,476	348,739,851
4	Pulp and paper	44	18,883	72,579,783	148,362,270	174,577,875	342,612,966
5	Slaughtering and meat packing	61	8,724	27,772,718	272,940,007	65,814,908	340,734,402
6	Motor vehicle parts	98	20,479	68,925,345	141,536,730	121,051,426	266,350,853
7	Rubber goods, including footwear	39	15,403	49,083,910	98,486,975	132,633,175	233,735,185
8	Machinery, heavy electrical	36	24,218	82,076,661	84,697,534	137,558,307	224,163,169
9	Agricultural implements	35	16,743	58,886,476	104,106,235	86,694,899	192,790,073
10	Petroleum products	13	5,228	20,629,093	117,895,839	44,127,366	171,412,733
11	Fruit and vegetable preparations	215	10,004	20,996,627	77,612,761	60,181,738	139,548,869
12	Butter and cheese	544	7,627	19,337,253	97,580,081	35,421,053	135,702,469
13	Aircraft and parts	15	16,174	58,982,879	51,802,943	74,836,442	127,871,430
14	Sheet metal products	160	9,943	30,291,756	68,707,846	57,363,662	127,533,143
15	Flour mills	58	2,221	6,707,867	108,077,352	15,972,039	124,735,608
16	Machinery, industrial	181	12,204	39,184,054	45,112,643	76,316,075	122,578,731
17	Castings, iron	94	10,256	34,203,880	58,773,751	60,777,460	121,889,961
18	Miscellaneous electrical apparatus	91	9,033	27,615,606	50,949,243	56,769,395	108,824,998
19	Bread and other bakery products	861	14,548	34,152,670	49,308,357	55,430,184	108,431,789
20	Printing and publishing	307	12,463	40,715,387	30,573,010	73,008,517	104,515,126
21	Brass and copper products	86	5,642	18,595,441	65,819,266	36,306,540	103,307,400
22	Furniture	638	13,536	34,297,066	47,181,598	54,098,057	102,391,425
23	Miscellaneous food preparations	125	4,450	11,305,077	68,522,928	31,862,875	102,108,130
24	Printing and bookbinding	718	11,917	33,611,560	34,417,897	59,208,388	94,299,543
25	Boxes and bags, paper	101	6,924	19,778,903	55,009,595	37,770,004	93,422,151
26	Hardware, tools and cutlery	245	10,286	32,010,629	29,391,317	59,202,400	89,959,027
27	Miscellaneous chemical products, n.e.s.	126	4,448	14,779,877	38,045,261	44,262,255	86,642,675
28	Miscellaneous paper goods	112	6,199	17,636,831	44,983,610	40,307,017	86,139,218
29	Railway rolling stock	15	7,220	23,805,016	50,030,057	34,881,092	86,050,467
30	Radios and radio parts	62	7,524	20,850,455	44,341,241	40,506,811	85,325,135
31	Clothing, men's, factory	158	11,154	24,565,552	45,402,722	38,832,315	84,476,633
32	Sawmills	1,284	9,309	18,938,314	44,220,203	37,886,829	83,158,216
33	Feeds, stock and poultry, prepared	289	2,731	6,260,638	64,259,139	14,326,108	79,720,005
34	Soaps, washing compounds and cleaning preparations	63	3,091	11,192,664	31,801,468	43,213,990	75,987,357
35	Tobacco processing and packing	9	1,289	2,679,666	68,593,177	5,234,246	74,007,865
36	Refrigerators, vacuum cleaners and appliances	62	6,103	18,446,534	30,881,078	41,098,748	72,832,981
37	Cotton yarn and cloth	30	7,609	17,768,586	45,143,839	25,911,867	72,216,984
38	Breweries	21	3,036	12,191,647	19,808,659	51,001,654	71,737,435
39	Coke and gas	16	2,904	9,950,594	42,214,352	25,850,159	71,551,140
40	Boilers, tanks and plate work	42	6,087	21,348,758	27,888,979	39,716,711	68,275,113
	Totals, leading industries	**7,097**	**408,960**	**1,296,328,178**	**3,361,843,286**	**2,677,695,640**	**6,163,984,399**
	Totals, all industries	**13,172**	**609,696**	**1,844,186,405**	**4,387,431,403**	**3,811,106,576**	**8,372,173,626**
	Percentage of leading industries to all industries	53.9	67.1	70.3	76.6	70.3	73.6

Section 5. The Manufactures of the Prairie Provinces, 1952

The leading industries of the Prairie Provinces are those based on agricultural resources—grain-growing, cattle-raising and dairying areas. Next in importance, generally, are industries providing for the more necessary needs of the resident population, such as the baking of bread, printing and publishing, etc. The extensive railway services require large shops for the maintenance of rolling-stock, especially in the Winnipeg area. The widespread use of motor vehicles and power machinery on farms has given rise to petroleum refineries in each province. The greatly increased production of crude petroleum in Alberta seems likely to lead to further development of the refining industry. Manitoba, as the early commercial centre of the prairies, has had a greater industrial development than either of the other provinces. Its natural resources of accessible water powers, forests and, more recently, minerals, have given rise to quite a diversification of industrial production. In Saskatchewan, while the main economic role continues to be played by agriculture, both oil and mineral wealth are being developed.

Considering the Prairie Provinces as an economic unit, slaughtering and meat packing had the largest value of shipments in 1952, amounting to $258,536,646, followed by petroleum products with $156,595,759, flour mills $112,508,829, butter and cheese $87,136,621 and railway rolling-stock $53,515,894. These five industries accounted for about 50 per

cent of the total production of the Prairie Provinces. Other leading industries, in order of gross value of factory shipments, were: bread and other bakery products, breweries, sawmills, miscellaneous food preparations, printing and publishing, sash, door and planing mills, men's factory clothing, furniture, prepared stock and poultry feeds, sugar refining, sheet metal products, printing and bookbinding, women's factory clothing, carbonated beverages, pulp and paper, etc.

In water-power resources, the Prairie Provinces are not so well endowed as the more highly industrialized provinces of Quebec, Ontario and British Columbia. In January 1954 power installation in the three Provinces totalled only 1,034,695 h.p. or about 7 p.c. of the Canadian total. Manitoba had 716,900 h.p., Saskatchewan 109,835, and Alberta 207,960 h.p. With the present developments of natural gas and oil, the Prairie Provinces, will in large measure be able to overcome a lack of water-power resources which is so vital to industrial development. Manitoba has more water-power resources and has developed them to a greater extent than either of the other Prairie Provinces. Practically all the developed sites are located on the Winnipeg River. These supply not only Winnipeg and its suburban areas but, through the transmission network of the Manitoba Power Commission, power is distributed to more than 400 municipalities and a large part of rural areas of southern Manitoba where farm electrification is a primary objective. In Saskatchewan, water-power development is confined to the northern mining districts. The southern portions of Saskatchewan and Alberta are lacking in water-power resources but have large fuel reserves. In Alberta, present developments are located in the Bow River basin and serve Calgary and and numerous other municipalities between the International Boundary and the area north of Edmonton.

In the Prairie Provinces, the nature of developments vary from one province to another. Alberta has moved to the forefront, especially since 1950. There the emphasis has been more on the manufacture of machinery and equipment, including products like drill bits and tanks, heat exchanges and other bulky equipment for the burgeoning oil and gas industries. Chemicals, and especially petrochemicals, have made striking gains; second in terms of new growth, they now embrace various rayon intermediates and polythene plastics, as well as fertilizers and the manufacture of other new inorganic products like caustic soda and chlorine. Sizeable gains have been made by the expansion of food-processing plants and the construction of still more factories for making building materials.

Developments in Saskatchewan, by contrast, have continued along more or less traditional lines. The largest gains, for instance, have been recorded in food processing. Notable in this respect has been the establishment of three new freshwater fish-packing plants. The manufacture of building materials, including non-metallic mineral products and lumber, has also increased. However, the largest single gain in employment has been in the refining of prairie oil for local use.

Manitoba, next to Alberta, has made the best showing on the prairies, a surprisingly large number of small and medium-sized firms having located in the Winnipeg area since 1945. The clothing industry has outstripped electrical apparatus in employment gains; food processing, building materials and machinery manufacture following in that order. Plantwise, however, the largest single increase has been in meat packing, although three large electrical apparatus concerns and a sizeable new oil refinery have also been established in that area.

According to the table below manufacturing establishments reporting in 1952 numbered 4,703 for the Prairie Provinces as a whole. These plants furnished employment to 86,437 persons who received $224,164,628 in salaries and wages. They also shipped goods with a selling value at the factory of $1,351,379,799 and spent $851,869,910 for materials, while the value added by manufacture totalled $475,969,476.

Principal Manufacturing Statistics of the Prairie Provinces, 1952

Province	Establishments	Employees	Earnings	Cost of materials	Value added by manufacture	Value of factory shipments
	No.	No.		$'000		
Manitoba	1,531	43,365	112,148	347,665	216,814	574,037
Saskatchewan	1,022	11,307	29,490	172,388	80,934	258,932
Alberta	2,150	31,765	82,527	331,817	178,221	518,411
Total	**4,703**	**86,437**	**224,165**	**851,870**	**475,969**	**1,351,380**

In spite of the rapid development in the Prairie Provinces since 1939, manufacturing production did not keep pace with with the developments in the more industrialized provinces of Ontario, Quebec and British Columbia. This is indicated by a slight drop in the Prairie Provinces' share of the Canadian total which declined from 8.13 p.c. in 1939 to 7.96 p.c. in 1952. In spite of an increase of 100 p.c. in the number of employees as compared with an increase of 96 p.c. for the whole of Canada, factory shipments were 379 p.c. higher for the Prairie Provinces as compared with 389 p.c. for Canada as a whole.

Variation in Employment and Factory Shipments, 1939 Compared with 1952

Province	Employees	Earnings	Factory shipments
	p.c.		
Manitoba	+ 81	+294	+327
Saskatchewan	+ 75	+301	+327
Alberta	+150	+451	+493
Prairie Provinces	**+100**	**+342**	**+379**
Canada	**+ 96**	**+393**	**+389**

TABLE 11. Statistics of the Leading Industries of the Province of Manitoba, 1952

No.	Industry	Establishments	Employees	Earnings	Cost of materials	Value added by manufacture	Selling value of factory shipments
		No.	No.	$	$	$	$
1	Slaughtering and meat packing	14	2,972	9,456,024	89,998,817	21,849,275	112,313,765
2	Railway rolling stock	4	6,225	18,229,133	19,779,467	18,916,523	39,204,793
3	Flour mills	8	542	1,320,375	25,619,640	2,277,835	28,060,490
4	Butter and cheese	72	1,509	3,703,236	19,806,297	7,109,403	27,308,886
5	Petroleum products	4	367	1,390,899	19,411,027	4,886,114	25,282,153
6	Clothing, men's, factory	44	2,883	5,067,281	13,078,052	8,980,475	22,125,836
7	Miscellaneous food preparations	26	743	1,753,871	16,442,781	4,375,977	21,130,206
8	Furniture	107	1,584	3,942,468	7,856,909	6,378,700	14,350,141
9	Printing and publishing	81	1,984	5,047,678	4,336,716	9,567,974	14,047,027
10	Bread and other bakery products	133	1,669	3,764,008	6,316,106	6,776,611	13,511,460
11	Clothing, women's, factory	27	1,613	3,508,930	7,158,410	5,618,920	12,810,598
12	Pulp and paper[1]	3	401	1,823,926	3,974,316	7,858,180	12,792,741
13	Breweries	6	549	1,901,027	2,109,038	7,748,467	10,009,017
14	Primary iron and steel	4	1,058	3,385,366	3,208,475	6,073,436	9,834,937
15	Boxes and bags, paper	8	564	1,627,728	5,144,429	3,553,677	8,748,550
16	Printing and bookbinding	77	1,280	3,077,274	2,978,097	5,396,520	8,433,323
17	Sheet metal products	20	897	2,452,735	3,795,342	3,961,610	7,836,021
18	Feeds, stock and poultry, prepared	33	231	513,647	5,698,253	1,204,628	6,987,215
19	Castings, iron	6	825	2,223,412	1,600,966	5,000,966	6,654,953
20	Bags, cotton and jute	4	204	471,939	5,934,582	546,384	6,500,065
21	Agricultural implements	18	544	1,505,741	3,059,989	3,179,009	6,304,201
22	Fur goods	56	702	1,709,409	4,040,816	2,178,368	6,237,610
23	Carbonated beverages	21	354	882,716	2,069,245	3,663,425	5,846,825
	All other leading industries[2]	7	2,309	6,938,200	20,256,258	12,184,287	33,413,538
	Totals, leading industries	**783**	**32,099**	**85,697,923**	**293,674,028**	**159,286,764**	**459,744,351**
	Totals, all industries	**1,531**	**43,365**	**112,147,572**	**347,664,650**	**216,814,306**	**574,037,212**
	Percentage of leading industries to all industries	51.1	74.0	76.4	84.5	73.5	80.1

1. Publication of these figures was authorized by the firms concerned.
2. Includes: Aircraft and parts, Biscuits, Bridge building and structural steel and Non-ferrous metal smelting and refining.

TABLE 12. Statistics of the Leading Industries of the Province of Saskatchewan, 1952

No.	Industry	Establishments	Employees	Earnings	Cost of materials	Value added by manufacture	Selling value of factory shipments
		No.	No.	$	$	$	$
1	Petroleum products	8	811	3,085,910	36,693,483	12,045,574	50,438,097
2	Flour mills	11	727	2,214,076	35,374,838	7,809,630	43,553,284
3	Slaughtering and meat packing	9	1,256	4,023,364	27,516,726	8,570,362	36,371,664
4	Butter and cheese	60	1,334	3,037,322	20,555,015	6,838,985	27,765,295
5	Breweries	5	381	1,165,907	2,242,086	7,311,908	9,693,814
6	Bread and other bakery products	88	961	2,119,255	4,256,549	4,620,671	9,102,829
7	Printing and publishing	103	1,113	2,805,812	1,740,909	4,688,248	6,525,554
8	Sawmills	404	906	1,109,632	1,738,305	3,030,303	4,857,183
9	Sash, door and planing mills	26	402	977,240	1,758,073	1,746,448	3,553,414
10	Carbonated beverages	24	278	681,058	1,382,515	1,876,568	3,428,266
11	Sheet metal products	6	182	450,372	1,705,081	1,074,574	2,795,510
12	Feeds, stock and poultry, prepared	12	91	204,576	2,006,964	442,745	2,476,914
13	Miscellaneous wood products, n.e.s.	7	161	355,214	1,455,033	932,963	2,412,243
	Totals, leading industries[1]	**763**	**8,603**	**22,229,738**	**138,425,577**	**60,988,979**	**202,974,067**
	Totals, all industries	**1,022**	**11,307**	**29,489,862**	**172,388,119**	**80,934,157**	**258,931,776**

1. Non-ferrous metal smelting and refining is also a leading industry. Statistics, however, are confidential since there are less than three firms reporting.

TABLE 13. Principal Statistics of the Leading Industries of the Province of Alberta, 1952

No.	Industry	Establishments	Employees	Earnings	Cost of materials	Value added by manufacture	Selling value of factory shipments
		No.	No.	$	$	$	$
1	Slaughtering and meat packing	11	3,332	10,106,365	90,397,405	18,998,227	109,851,217
2	Petroleum products	14	1,327	5,338,340	55,696,703	22,685,988	80,875,509
3	Flour mills	15	808	2,122,723	35,412,055	5,241,224	40,895,055
4	Butter and cheese	102	1,734	4,199,179	24,736,180	6,927,284	32,062,440
5	Sawmills	909	3,738	5,487,938	11,678,498	11,666,357	23,862,564
6	Sash, door and planing mills	115	1,887	4,427,814	13,563,999	7,352,857	21,111,835
7	Bread and other bakery products	128	1,593	3,717,829	6,959,012	7,750,247	14,975,903
8	Railway rolling stock	3	2,214	6,408,720	7,695,012	6,408,718	14,311,101
9	Breweries	5	555	1,790,465	3,547,570	9,585,609	13,261,612
10	Miscellaneous food preparations	15	310	830,163	8,145,005	1,874,957	10,160,736
11	Printing and publishing	79	1,108	3,042,604	2,384,562	7,446,223	9,901,017
12	Feeds, stock and poultry, prepared	51	323	748,441	5,862,839	1,761,116	7,730,160
13	Concrete products	29	597	1,841,486	3,779,728	3,576,050	7,487,676
14	Clothing, men's factory	9	745	1,442,887	3,527,956	2,800,210	6,340,922
15	Machine shops	63	800	2,480,937	2,287,154	3,824,165	6,203,527
16	Miscellaneous wood products, n.e.s.	12	359	940,504	4,093,137	1,876,514	6,031,869
17	Bridge building and structural steel	3	560	1,614,446	2,669,779	2,459,087	5,164,195
18	Furniture	68	549	1,365,169	2,460,539	2,344,966	4,849,491
19	Printing and bookbinding	74	792	2,162,503	1,420,419	3,268,087	4,724,218
20	Glass and glass products	3	418	1,123 515	1,883,411	2,764,628	4,683,085
21	Sheet metal products	10	315	927,627	2,205,846	2,159,315	4,381,079
22	Carbonated beverages	21	308	723,028	1,757,042	2,510,124	4,375,733
23	Fruit and vegetable preparations	8	276	510,066	1,783,798	2,241,039	4,076,573
24	Motor vehicle parts	15	476	1,406,341	1,379,184	2,538,432	3,936,067
25	Biscuits	4	290	572,399	1,672,292	1,658,666	3,344,473
26	Roofing paper	4	140	379,103	1,603,145	1,636,747	3,273,422
27	Agricultural implements	12	320	929,400	991,463	1,681,631	2,733,862
28	Machinery, industrial	7	303	958,054	735,048	1,606,758	2,363,641
29	Miscellaneous chemical products, n.e.s.	10	141	425,288	1,114,222	1,135,458	2,285,777
30	Miscellaneous iron and steel products	11	126	366,581	1,427,373	758,810	2,198,525
31	Bags, cotton and jute	3	61	133,559	1,934,566	172,406	2,111,507
32	Signs, electric, neon and other	18	196	659,280	627,775	1,361,229	2,024,426
33	Clay products from domestic clay	13	410	975,452	34,530	1,850,826	1,964,618
34	Castings, iron	7	262	746,001	657,503	1,207,907	1,887,216
35	Boxes and baskets, wood	6	216	522,321	821,505	745,867	1,590,134
36	Brass and copper products	3	46	155,042	773,933	458,618	1,239,850
37	Gases, compressed	4	100	291,942	208,355	951,551	1,199,144
38	All other leading industries [1]	13	2,060	6,297,316	18,108,867	14,804,254	34,703,822
	Totals, leading industries	**1,877**	**29,795**	**78,170,828**	**326,038,010**	**170,092,152**	**504,174,001**
	Totals, all industries	**2,150**	**31,765**	**82,527,194**	**331,817,141**	**178,221,013**	**518,410,811**
	Percentage of leading industries to all industries	87.3	93.8	94.7	98.3	95.4	97.3

1. Includes: Sugar refining; cement, hydraulic; aircraft and parts; boxes and bags, paper; concentrated milk products; distilled liquors; vegetable oils; and macaroni and kindred products.

Section 6. The Manufactures of British Columbia, 1952

British Columbia, with factory shipments totalling $1,332,481,862 in 1952, ranked third among the provinces in manufacturing production. In spite of the rapid industrialization of other provinces, British Columbia succeeded in increasing its share of the total Canadian output. This is reflected in the increase in the total from 7.1 p.c. in 1939 to 7.8 p.c. in 1952.

Forest resources, fisheries, minerals and electric power have given a broad base and wide diversification to its industrial development. While Ontario and Quebec have an outstanding predominance in each of the major industrial groups of the Standard Industrial Classification, in the production of wood products, however, British Columbia with 38 p.c. of the Canadian total holds the dominant position, outranking both Ontario and Quebec which account respectively for 26 and 22 p.c. of the total.

Emphasizing the importance of the forests in the industrial life of the Province, the sawmilling industry ranked first with a gross value of shipments of $316,723,587, and pulp and paper second with $125,290,032. Third in importance was fish processing, based principally in the estuarial salmon fisheries. British Columbia accounted for approximately 43 p.c. of the output of the fish processing industry in 1952 and plays a large part in making Canada the largest fish exporting nation in the world. Other important industries are: slaughtering and meat packing, sash, door and planing mills, veneers and plywoods, petroleum products, miscellaneous food preparations, fertilizers, shipbuilding, fruit and vegetable preparation, bread and other bakery products, butter and cheese, printing and publishing. The non-ferrous metal smelting and refining industry ranks high amongst the leading industries. Information, however, cannot be published as there is only one smelter located in the province.

A feature of recent progress has been that new developments are taking place in areas far removed from accepted industrial centres. Growing lines of communication and transportation are fanning out from and leading into formerly locked interior communities to tap a vast new potential and offer new sources of provincial economic unity and strength. Factories and plants in remote sections are drawing greater value in employment and dollars from natural resources. The growth of the province industrially may be indicated by the increase in employment which is more than double the pre-war figure. In dollar terms, gross value of manufacturing is now more than double of the immediate postwar period, and up more than fivefold since 1939. The consumption of 3.0 billion kwh of electric power by manufacturers during 1952 marks a steady upward climb of 20 per cent in the past decade.

British Columbia ranks second among the provinces in available water-power resources and its hydraulic development which in January 1954 totalled 1,702,858 h.p., out of a Canadian total of 15,140,880 h.p., is exceeded only by Quebec and Ontario. Present developments are practically all located in the southern part of the province in the Fraser and Columbia River basins. The Aluminum Co. of Canada is making excellent progress in it's great Nechako-Kitimat scheme, involving diversion of the headwaters of the Fraser River through the coastal range by a ten-mile tunnel to an underground powerhouse. It is anticipated that the first stage of installation, covering 420,000 h.p. in three units, will be completed in 1954. This power will be used in the production of aluminum which will be a new product for British Columbia.

In the investment in new plant and equipment by British Columbia manufacturers, the wood products group, principally sawmills and including new plants manufacturing plywood and furniture, are well out in front. This is so both in number of firms and in new development opportunities. Next in line comes paper products. Four new mills have been built and others expanded to increase British Columbia's output of newsprint, kraft and dissolving pulps. New plants making chemicals, principally fertilizers and plywood adhesives, have been prominent, as well as firms making machinery and equipment. Food processing has also made considerable headway and, in investment terms, petroleum pro-products are worthy of comment. Construction work on four new refineries commenced when construction was started on the Trans-Mountain oil pipeline in 1951.

Manufacturing establishments reporting in 1952 numbered 4,225. These plants furnished employment to 92,667 persons who received $283,530,976 in salaries and wages. They also shipped goods with a selling value at the factory of $1,332,481,862 and spent $751,011,248 for materials, while the value added by manufacture totalled $556,172,312. Compared with the previous year there was a drop of 1.0 p.c. in the number of persons employed with an increase of 8.0 p.c. in the salaries and wages paid. The value of factory shipments was also down 5.2 per cent while the value added by manufacture was 6.1 p.c. lower.

TABLE 14. Principal Statistics of the Leading Industries of the Province of British Columbia, 1952

No.	Industry	Establishments	Employees	Earnings	Cost of materials	Value added by manufacture	Selling value of factory shipments
		No.	No.	$	$	$	$
1	Sawmills	1,813	28,598	82,847,292	158,824,546	154,069,375	316,723,587
2	Pulp and paper	12	6,048	25,205,631	48,964,229	69,635,586	125,290,032
3	Fish processing	78	3,433	10,066,076	35,163,222	21,592,029	57,590,974
4	Slaughtering and meat packing	9	1,390	4,634,230	45,147,520	8,736,848	54,182,549
5	Sash, door and planing mills	182	2,858	8,308,522	30,169,686	15,590,699	46,289,457
6	Veneers and plywoods	11	3,825	11,142,892	19,724,945	22,108,341	42,176,834
7	Petroleum products	5	725	2,991,967	25,933,578	10,669,793	37,818,297
8	Miscellaneous food preparations	47	813	1,827,890	29,326,292	6,143,491	35,600,308
9	Fertilizers	5	1,233	4,870,938	10,944,677	21,401,300	32,475,077
10	Shipbuilding	26	3,838	13,711,307	10,299,889	20,015,332	30,643,942
11	Fruit and vegetable preparations	72	2,173	4,527,851	16,597,378	11,601,419	28,479,787
12	Bread and other bakery products	263	2,670	6,775,668	10,299,663	12,169,736	23,117,051
13	Butter and cheese	26	1,692	4,801,941	14,918,000	7,528,645	23,058,348
14	Printing and publishing	89	2,684	8,937,544	5,103,615	15,303,086	20,593,508
15	Bridge building and structural steel	4	1,316	5,154,935	11,339,035	7,504,648	19,009,632
16	Machinery, industrial	39	1,842	6,301,708	5,026,265	11,935,703	17,158,361
17	Feeds, stock and poultry, prepared	45	712	1,817,004	11,410,256	3,226,547	14,963,005
18	Furniture	194	1,880	4,761,800	7,131,589	7,512,223	14,782,027
19	Breweries	11	712	2,408,816	3,358,085	10,289,079	13,882,924
20	Miscellaneous wood products, n.e.s.	45	739	2,353,009	8,527,263	5,072,931	13,787,818
21	Sheet metal products	29	858	2,855,912	8,461,335	4,884,258	13,477,639
22	Boxes and bags, paper	12	669	1,917,529	7,535,501	4,547,059	12,153,840
23	Miscellaneous paper goods	14	595	1,646,724	7,434,246	4,136,295	11,623,683
	Totals, leading industries listed above[1]	**3,031**	**71,303**	**219,867,186**	**531,640,815**	**455,674,423**	**1,004,878,680**
	Totals, all industries	**4,225**	**92,667**	**283,530,976**	**751,011,248**	**556,172,312**	**1,332,481,862**

1. Other leading industries for which statistics cannot be shown since there are less than three establishments in each industry are: Non-ferrous metal smelting and refining, Sugar refining, and Distilled liquors.

Section 7. Manufacturing Industries in Urban Centres

The prosperity of most of the cities and towns of Canada, especially in the east, is intimately connected with their manufacturing industries, which provide employment for a large proportion of their gainfully occupied population. In the west the cities are more largely distributing centres, though manufactures are rapidly increasing there also.

Table 15, indicating the extent to which the manufacturing industries of Canada are concentrated in urban centres, shows by provinces the proportion contributed by cities and towns having factory shipments of over $1,000,000 each. In the more highly industrialized provinces of Ontario and Quebec such cities and towns in 1952 accounted for 90 p.c. and 94 p.c. respectively of the totals for those provinces, while for the Atlantic Provinces and British Columbia, where sawmilling, fish-packing, and dairying are leading industries, the proportions are 72 p.c. and 58 p.c. respectively. In the Prairie Provinces manufacturing is confined largely to a few urban centres.

TABLE 15. Cities and Towns Each with Selling Value of Factory Shipments of Over $1,000,000, Number of Establishments and Total Shipments in such Urban Centres as a Percentage of the Grand Total, by Provinces, 1952

Note. Statistics published in this table are in some cases higher than the figures published in Table 18, since, in the table below are included statistics of towns with less than three establishments and production of over $1,000,000. It was not possible to publish this information in Table 18 without disclosing the operations of individual establishments.

Province	Number of urban centres with selling value of factory shipments of over $1,000,000	Number of establishments reporting in urban centres with selling value of factory shipments of over $1,000,000	Selling value of factory shipments of urban centres having $1,000,000 or over	Selling value of factory shipments of each province	Selling value of factory shipments of urban centres as a percentage of shipments in each province
Newfoundland	4	120	67, 256, 653	105, 459, 684	63. 8
Prince Edward Island	2	51	14, 149, 768	22, 069, 671	64. 1
Nova Scotia	25	508	228, 319, 122	326, 839, 747	69. 8
New Brunswick	18	346	232, 264, 208	293, 759, 782	79. 1
Quebec	158	7, 827	4, 870, 982, 973	5, 176, 234, 825	94. 1
Ontario	176	9, 528	7, 517, 968, 724	8, 372, 173, 626	89. 8
Manitoba	12	1, 067	495, 459, 729	574, 037, 212	86. 3
Saskatchewan	8	381	194, 167, 970	258, 931, 776	75. 0
Alberta	17	935	395, 473, 136	518, 410, 811	76. 3
British Columbia	35	2, 473	779, 492, 262	1, 332, 481, 862	58. 5
Yukon and Northwest Territories	—	—	—	2, 288, 039	—
Canada	**455**	**23, 236**	**14, 795, 534, 545**	**16, 982, 687, 035**	**87. 1**

TABLE 16. Principal Statistics of the Manufacturing Industries of the Six Leading Manufacturing Cities of Canada, 1939-52

City and Year	Establishments	Employees	Earnings	Cost of materials	Gross value of products [1]
	No.	No.	$	$	$
Montreal:					
1939	2, 501	105, 315	114, 602, 118	254, 188, 246	483, 246, 583
1943	2, 992	194, 643	307, 922, 631	665, 209, 935	1, 184, 114, 458
1944	3, 109	185, 708	308, 396, 358	650, 618, 563	1, 215, 988, 014
1945	3, 404	181, 679	304, 247, 761	600, 919, 272	1, 144, 175, 108
1946	3, 785	173, 507	291, 381, 617	602, 667, 823	1, 147, 945, 303
1947	3, 950	177, 744	325, 114, 158	682, 056, 090	1, 298, 019, 266
1948	3, 887	180, 098	368, 191, 470	841, 048, 938	1, 550, 246, 090
1949	4, 136	184, 779	399, 943, 526	847, 444, 669	1, 596, 713, 694
1950	4, 127	184, 982	419, 217, 987	914, 907, 200	1, 696, 677, 033
1951	4, 137	183, 436	449, 279, 943	1, 026, 220, 450	1, 849, 153, 995
1952	4, 283	187, 396	496, 270, 442	1, 041, 585, 029	1, 960, 826, 915 [2]

TABLE 16. Principal Statistics of the Manufacturing Industries of the Six Leading Manufacturing Cities of Canada, 1939-52 – Concluded

City and Year	Establishments	Employees	Earnings	Cost of materials	Gross value of products[1]
	No.	No.	$	$	$
Toronto:					
1939	2,885	98,702	122,553,435	240,532,281	482,532,331
1943	3,238	156,459	259,307,913	481,504,056	961,923,997
1944	3,344	154,538	260,776,613	513,429,109	1,020,345,353
1945	3,482	146,335	244,055,112	496,204,721	961,736,716
1946	3,632	145,556	247,298,288	549,256,912	1,036,939,790
1947	3,705	151,137	289,363,797	648,648,084	1,231,936,820
1948	3,683	154,197	335,142,822	804,970,396	1,475,761,819
1949	4,005	158,562	368,510,524	837,148,440	1,579,186,450
1950	4,011	160,063	392,754,292	918,699,592	1,686,922,991
1951	3,796	151,333	415,206,705	991,268,163	1,763,192,114
1952	3,825	149,020	439,286,411	945,304,350	1,790,369,192[2]
Hamilton:					
1939	461	31,512	39,563,423	70,829,034	152,746,340
1943	485	54,671	95,576,332	164,271,139	362,743,019
1944	480	53,500	94,982,915	171,117,467	363,033,672
1945	482	50,520	89,639,262	166,349,884	351,676,308
1946	501	45,951	80,959,432	150,977,835	308,033,098
1947	512	50,567	101,424,109	205,430,175	411,817,530
1948	526	53,370	124,016,143	259,800,537	519,132,345
1949	546	54,665	137,641,333	285,180,403	563,982,920
1950	549	54,823	145,093,180	310,380,224	625,480,893
1951	560	58,841	174,296,725	391,412,980	755,546,928
1952	575	59,257	190,167,980	385,701,709	781,596,810[2]
Windsor:					
1939	222	17,729	25,938,890	63,907,106	122,474,320
1943	229	38,516	85,965,874	247,504,385	417,745,229
1944	231	35,912	80,667,573	232,102,240	387,603,874
1945	241	28,826	63,515,050	167,675,110	280,743,622
1946	256	30,889	60,315,436	138,788,813	244,925,148
1947	273	32,154	74,748,834	204,383,024	367,122,739
1948	271	32,729	85,354,165	231,706,777	413,749,890
1949	283	34,591	94,304,627	271,392,923	494,162,203
1950	280	34,901	105,778,494	311,563,422	564,870,512
1951	297	34,865	112,076,215	351,697,300	626,292,546
1952	330	36,628	130,027,457	377,637,512	646,949,316[2]
Winnipeg:					
1939	648	17,571	20,717,273	44,873,043	81,024,272
1943	688	24,898	35,807,283	106,485,838	174,523,234
1944	686	25,870	38,824,299	119,917,745	198,169,626
1945	716	26,206	40,115,513	117,453,819	197,523,922
1946	756	26,730	42,354,650	121,531,306	206,381,007
1947	779	27,651	47,728,392	130,721,062	228,028,346
1948	765	27,906	54,379,965	157,379,778	264,022,796
1949	860	28,687	58,604,162	143,827,270	255,006,806
1950	855	27,804	58,991,267	142,486,939	261,781,262
1951	849	27,704	65,741,785	167,583,852	292,496,767
1952	843	28,162	70,744,396	160,844,930	296,263,701[2]
Vancouver:					
1939	829	17,957	22,382,192	56,565,511	101,267,243
1943	898	45,971	81,059,815	130,442,455	288,196,900
1944	933	43,473	79,141,407	142,416,371	289,390,718
1945	992	37,599	66,144,015	137,118,244	265,034,773
1946	1,071	31,408	55,960,984	138,045,068	270,165,166
1947	1,127	33,119	65,363,332	174,822,180	313,964,785
1948	1,136	33,815	75,300,519	211,726,521	360,749,092
1949	1,225	33,536	78,793,345	204,642,985	358,620,526
1950	1,219	34,411	85,542,771	234,053,078	409,347,342
1951	1,255	34,376	96,222,111	270,748,863	461,594,390
1952	1,275	33,296	102,163,999	248,964,894	437,663,057[2]

1. Net value is derived from gross value by deducting cost of materials, fuel and electricity. For cost of fuel and electricity in 1952 see Table 18.
2. In 1952 the basis of collection was "Selling Value of Factory Shipments" instead of "Gross Value of Products".

TABLE 17. Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, Grouped According to the Number of Employees per Establishment, 1952

	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
Montreal Metropolitan Area						
Under 5 employees	1,226	2,932	5,660,728	263,025	15,665,768	29,539,332
5 to 14 employees	1,420	12,088	26,602,570	1,015,353	57,908,218	112,623,428
15 " 49 "	1,319	36,240	82,281,037	2,809,216	188,418,585	348,069,577
50 " 99 "	396	27,304	63,123,478	2,310,872	143,151,010	272,437,562
100 " 199 "	200	27,559	67,822,318	2,645,765	173,279,354	314,261,898
200 " 499 "	131	41,708	112,944,268	9,841,811	268,248,869	525,924,950
500 " 999 "	41	28,275	85,239,242	16,899,778	369,216,219	610,881,781
1,000 and over	23	61,700	194,343,629	7,141,921	368,307,719	703,497,897
Not classifiable	127	—	—	—	764,676	883,024
Head Offices[1]	—	6,750	30,374,562	—	—	—
Totals	**4,883**	**244,556**	**668,391,832**	**42,927,741**	**1,584,960,418**	**2,918,119,449**
Toronto Metropolitan Area						
Under 5 employees	1,241	2,960	5,692,347	342,088	10,636,412	21,803,021
5 to 14 employees	1,351	11,647	28,163,452	1,098,447	51,518,827	101,632,863
15 " 49 "	1,161	30,868	80,958,952	3,065,965	175,884,488	336,698,638
50 " 99 "	339	23,580	63,959,851	2,633,964	151,408,838	281,464,024
100 " 199 "	189	27,003	75,343,036	3,929,523	173,186,612	331,621,010
200 " 499 "	109	32,905	101,246,705	4,947,465	211,835,676	431,762,111
500 " 999 "	39	26,708	82,790,498	3,567,471	125,866,192	296,312,031
1,000 and over	20	36,928	130,937,779	5,901,852	346,588,237	611,383,652
Not classifiable	135	—	—	34,944	1,271,802	2,119,464
Head Offices[1]	—	4,152	21,132,242	—	—	—
Totals	**4,584**	**196,751**	**590,274,862**	**25,521,719**	**1,248,197,084**	**2,414,796,814**
Hamilton Metropolitan Area						
Under 5 employees	194	461	892,525	74,679	1,549,045	3,180,570
5 to 14 employees	180	1,480	3,489,082	329,943	6,622,219	13,847,333
15 " 49 "	133	3,613	9,809,128	615,366	20,688,055	40,997,478
50 " 99 "	51	3,490	9,433,368	806,760	25,995,516	48,179,883
100 " 199 "	41	6,046	16,193,660	950,558	47,389,680	84,455,904
200 " 499 "	40	12,211	36,269,653	3,651,340	83,971,243	166,426,457
500 " 999 "	9	6,131	19,777,961	1,394,743	36,215,855	69,649,131
1,000 and over	12	28,980	102,522,901	14,120,711	177,077,771	384,451,452
Not classifiable	11	—	—	30	53,159	57,777
Head Offices[1]	—	245	772,623	—	—	—
Totals	**671**	**62,657**	**199,160,901**	**21,944,130**	**399,562,543**	**811,245,985**
Windsor Metropolitan Area						
Under 5 employees	110	231	435,220	42,078	747,731	1,983,337
5 to 14 employees	96	829	2,044,839	125,971	3,572,667	7,814,815
15 " 49 "	68	1,871	5,613,912	355,441	9,006,130	20,474,334
50 " 99 "	27	1,951	5,875,483	319,408	12,411,412	24,802,250
100 " 199 "	20	2,889	9,831,229	833,149	19,280,468	40,627,072
200 " 499 "	21	6,255	21,469,138	1,840,949	35,879,517	83,022,812
500 " 999 "	5	3,340	11,891,651	960,345	21,079,416	57,249,045
1,000 and over	4	20,048	74,909,794	1,718,073	281,468,658	420,785,685
Not classifiable	6	—	—	—	13,224	14,044
Totals	**357**	**37,414**	**132,071,266**	**6,195,414**	**383,459,223**	**656,773,394**
Winnipeg Metropolitan Area						
Under 5 employees	303	715	1,271,512	101,216	2,289,425	4,830,452
5 to 14 employees	254	2,183	4,768,687	281,680	17,551,770	26,961,465
15 " 49 "	216	5,792	13,325,421	610,127	38,918,772	66,242,810
50 " 99 "	93	6,477	16,262,097	1,092,103	51,222,375	85,494,944
100 " 199 "	46	6,202	15,224,445	1,873,753	52,298,010	90,571,646
200 " 499 "	20	5,449	14,862,852	769,942	32,042,909	63,257,555
500 " 999 "	4	2,483	7,208,936	256,779	39,266,113	55,898,051
1,000 and over	5	8,281	23,951,603	758,442	54,289,801	84,860,410
Not classifiable	55	—	—	—	286,925	455,972
Head Offices[1]	—	177	737,331	—	—	—
Totals	**996**	**37,759**	**97,612,884**	**5,744,042**	**288,166,100**	**478,573,305**
Vancouver Metropolitan Area						
Under 5 employees	512	1,238	2,299,059	160,329	3,803,093	8,135,997
5 to 14 employees	496	4,026	10,216,142	537,109	20,699,268	39,011,773
15 " 49 "	343	9,216	26,869,763	1,430,237	60,461,889	110,293,392
50 " 99 "	104	6,993	21,623,569	1,406,921	60,483,521	106,532,874
100 " 199 "	58	8,456	26,754,809	1,596,891	73,741,590	134,377,584
200 " 499 "	28	8,570	27,289,986	2,460,503	104,774,167	162,168,804
500 " 999 "	8	5,640	19,529,148	668,212	38,811,740	76,142,689
1,000 and over	3	3,740	11,100,213	206,958	13,727,867	35,329,018
Not classifiable	62	—	—	—	187,341	240,561
Head Offices[1]	—	1,107	5,209,905	—	—	—
Totals	**1,614**	**48,986**	**150,892,594**	**8,467,160**	**376,690,476**	**672,232,692**

1. Under this heading are included only those head offices which are not located at the plant.

TABLE 18. Statistics of Manufactures of Municipality, each with Selling Value of Factory Shipments of $1,000,000 or Over, and with Three or More Establishments, 1952

Note. Statistics for cities and towns with three or more establishments cannot be published when one establishment has 75 p.c. or two establishments 90 p.c. of the total Value of Shipments.

Municipality	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
Newfoundland:						
Corner Brook (East & West)	16	2,600	9,614,319	1,645,450	15,407,946	40,010,721
St. John's	103	2,786	5,639,402	481,372	12,803,063	25,025,515
Prince Edward Island:						
Charlottetown	33	682	1,491,949	149,751	7,107,785	10,497,049
Summerside	18	279	449,166	49,927	2,619,851	3,652,719
Nova Scotia:						
Amherst	26	1,059	2,213,422	232,198	5,665,881	10,368,748
Berwick	9	178	274,122	47,693	1,420,833	2,155,473
Bridgetown	8	134	257,032	25,413	710,094	1,415,687
Bridgewater	18	211	360,780	39,976	732,110	1,514,672
Clark's Harbour	9	74	75,135	8,366	755,386	1,050,587
Dartmouth	17	248	555,758	71,841	1,208,185	2,337,838
Digby	11	232	380,454	28,754	1,288,909	2,111,307
Glace Bay	16	295	398,364	45,329	1,005,136	1,660,067
Halifax	144	6,405	15,397,994	902,963	27,143,325	58,071,976
Hantsport	5	337	739,960	111,075	1,714,371	3,793,564
Liverpool	7	344	730,301	69,594	1,095,542	2,540,739
Lockeport	4	267	392,952	37,701	1,096,899	1,696,474
Louisburg	6	283	394,032	35,564	854,317	1,431,233
Lunenburg	16	682	1,502,925	101,800	3,693,155	5,936,085
Middleton	7	148	227,506	28,918	784,394	1,215,374
New Glasgow	28	1,167	2,760,554	354,539	4,235,471	8,622,309
North Sydney	14	323	623,546	51,660	1,385,316	2,315,900
Pictou	9	499	1,129,840	46,175	1,827,567	3,669,372
Shelburne	17	201	359,709	18,840	882,805	1,541,769
Stellarton	10	117	231,816	27,178	690,749	1,221,794
Sydney	41	6,489	19,486,312	5,793,229	32,974,778	63,956,389
Trenton	6	2,142	5,759,868	637,511	19,353,907	28,979,557
Truro	40	1,134	1,977,841	208,505	4,851,585	8,245,002
Windsor	14	303	521,936	47,536	1,847,094	2,812,118
Yarmouth	26	907	1,806,893	159,398	5,633,501	9,655,088
New Brunswick:						
Campbellton	14	267	577,789	72,793	1,023,681	2,127,972
Fredericton	49	885	1,761,080	125,716	3,865,174	6,803,919
Lancaster	6	689	2,126,124	672,075	4,175,257	14,341,500
Moncton	50	3,374	8,728,999	542,669	22,271,465	35,746,342
Saint John	115	4,532	10,379,369	1,316,553	45,902,475	70,888,598
St. Stephen	14	540	960,765	61,151	2,309,075	4,083,595
Shippegan	5	212	231,072	16,785	736,330	1,051,667
Sussex	12	220	418,573	50,593	2,069,652	3,233,647
Woodstock	14	124	238,891	43,424	904,344	1,570,814
Quebec:						
Acton Vale	16	941	1,837,643	56,312	3,422,111	6,195,412
Amos	16	137	252,668	31,548	917,741	1,429,063
Beauharnois	16	1,997	6,574,785	3,916,223	13,744,773	35,281,824
Beauport	15	183	392,008	27,191	704,786	1,485,926
Bedford	12	677	1,309,764	45,710	981,669	3,180,032
Beebe Plain	8	246	341,553	7,651	928,822	1,497,915
Berthierville	16	644	1,328,968	152,453	2,816,722	6,069,985
Cabano	13	242	547,427	17,206	1,076,147	1,961,201
Cap de la Madeleine	38	2,398	5,607,239	1,472,958	20,494,305	37,812,222
Chicoutimi	34	492	997,871	74,859	2,116,187	3,835,726
Chambly Basin	9	119	204,498	13,915	753,337	1,229,096
Coaticook	21	1,029	2,065,344	127,173	5,114,713	8,430,394
Contrecoeur	11	323	566,186	10,527	875,593	1,649,565
Danville	13	145	262,268	62,645	732,093	1,106,554
Delson	5	487	1,456,875	621,387	2,493,937	6,349,310
Drummondville	46	7,306	18,798,266	1,608,149	27,498,590	67,143,955
Farnham	20	1,086	2,474,201	182,541	5,049,333	9,964,989
Fort Chambly	6	417	1,093,339	70,287	1,590,776	3,317,770
Giffard	11	183	321,780	25,518	1,027,775	1,725,237
Granby	86	5,095	12,360,721	757,903	30,791,134	58,976,686
Grand'mère	29	2,591	6,468,355	1,543,694	14,307,768	31,975,032
Henryville	7	89	123,783	46,097	1,260,968	1,664,178
Hull	61	4,158	11,060,022	1,920,081	29,066,748	51,435,470
Huntingdon	15	647	1,886,433	164,199	8,197,508	13,031,435
Iberville	25	371	785,231	46,876	1,110,384	2,646,088
Joliette	55	2,163	4,782,159	541,457	8,111,780	18,426,931
Lachine	69	8,869	29,772,346	1,193,816	39,699,379	103,944,138
Lachute	13	242	578,279	129,624	1,734,930	2,753,032
La Perade (Ste Anne de)	13	277	483,869	110,940	2,006,662	3,101,075
Laprairie	19	378	837,693	172,627	792,983	2,461,255
Lasalle	39	4,274	12,847,279	2,928,499	49,182,217	95,853,956
La Sarre	13	179	323,274	13,078	701,427	1,220,293
L'Assomption	15	644	1,316,017	84,303	2,730,097	4,959,719
Lennoxville	12	331	923,808	133,778	1,646,107	3,500,815

TABLE 18. Statistics of Manufactures of Municipality, each with Selling Value of Factory Shipments of $1,000,000 or Over, and with Three or More Establishments, 1952 — Continued

Municipality	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
Quebec — Concluded:						
L'Epiphanie	17	290	584,719	39,224	1,229,724	2,361,717
Levis	37	615	1,076,941	74,464	2,607,686	4,781,433
Longueuil	34	2,998	7,862,699	232,368	12,349,058	25,172,284
Loretteville	27	570	829,371	24,835	1,717,870	3,291,003
Maniwaki	14	112	264,466	23,208	761,972	1,261,898
Marieville	20	557	1,001,848	67,108	3,180,088	5,076,768
Maskinongé	9	89	127,139	13,863	937,593	1,266,672
Matane	20	348	773,989	36,710	1,851,590	3,294,591
Megantic	23	524	995,641	86,291	1,730,992	3,575,222
Mont-Laurier	15	279	497,467	41,899	1,148,672	2,124,488
Montmagny	44	1,373	2,831,135	178,140	5,159,133	10,704,265
Montreal	4,283	187,396	496,270,442	18,291,520	1,041,585,029	1,960,826,915
Montreal East	33	5,864	20,204,908	15,036,436	284,745,924	408,256,995
Mont-Royal	22	2,896	9,346,881	284,231	17,176,141	34,652,934
Napierville	13	133	225,741	15,146	747,116	1,207,976
Nicolet	17	340	621,218	59,944	1,803,422	3,046,900
Notre-Dame de Portneuf	13	464	1,165,288	356,778	3,524,917	5,414,276
Outremont	53	2,339	5,682,572	139,428	9,579,032	20,516,740
Plessisville	24	940	2,236,190	80,835	3,432,060	7,371,082
Pointes-aux-Trembles	10	222	481,629	30,392	1,403,470	2,551,830
Princeville	16	466	866,192	90,543	5,713,320	11,280,304
Quebec	431	15,856	36,583,967	4,585,821	84,849,662	161,966,412
Richmond	13	453	1,080,731	33,040	1,558,467	3,935,518
Rimouski	34	376	877,993	45,969	1,571,347	3,308,401
Rivière-du-Loup	24	421	951,873	79,279	1,091,051	2,580,115
Rock Island	16	706	1,823,825	69,459	1,524,273	5,662,394
Rouyn	21	231	459,697	66,434	1,024,639	2,149,056
Ste-Agathe-des-Monts	19	136	280,567	24,300	632,867	1,107,761
St-Anselme	10	82	169,461	17,271	1,487,843	1,795,192
St-Cesaire	28	291	476,635	37,455	1,599,489	2,485,871
St-Denis	11	87	132,321	12,988	662,877	1,002,271
St-Eustache	12	101	189,691	17,296	710,823	1,108,791
St-Félicien	17	238	506,472	37,962	2,435,105	3,794,821
St-Gabriel-de-Brandon	26	415	620,279	23,154	1,048,066	2,144,845
St-Georges-de-Beauce	13	346	678,269	55,219	908,855	2,087,407
St-Hyacinthe	74	4,568	9,626,533	582,557	26,726,901	45,405,465
St-Jacques	9	164	258,524	10,637	1,369,140	1,534,341
St-Johns' (St-Jean Co.)	68	5,435	15,095,361	1,006,216	20,624,062	48,168,624
St-Jérôme (Terrebonne Co.)	54	3,414	7,398,619	513,834	13,302,588	27,463,772
St-Joseph (Beauce Co.)	11	219	339,976	21,781	669,655	1,265,542
St-Lambert	18	819	1,985,210	111,573	4,804,169	8,438,836
St-Laurent	56	17,110	49,931,594	1,392,644	74,934,851	139,795,692
St-Leonard-d'Aston	10	148	219,765	25,194	809,906	1,270,925
Ste-Marie	20	845	1,552,549	131,116	3,893,523	7,144,852
St-Michel (Montreal Island)	44	492	1,183,215	62,896	1,654,635	3,557,713
St-Pie	16	211	334,445	30,073	1,362,798	2,013,181
St-Raymond	18	198	280,183	18,357	655,286	1,218,786
St-Remi	15	267	469,182	50,140	3,177,326	4,761,901
Ste-Rose	10	244	478,233	21,595	904,506	1,769,355
Ste-Thérèse-de-Blainville	34	935	1,694,302	82,174	3,012,443	6,303,530
St-Tite	25	360	600,983	21,873	1,619,250	2,928,418
Senneterre	9	152	298,911	11,887	527,730	1,087,557
Shawinigan-Falls	50	6,070	19,393,036	9,399,339	49,292,730	112,759,118
Sherbrooke	104	8,080	20,809,134	1,327,528	44,473,261	89,584,107
Sorel	34	2,185	5,045,440	1,041,965	4,457,848	11,390,962
Sutton	12	209	352,156	40,044	848,597	1,517,245
Terrebonne	21	707	1,479,828	57,134	2,016,300	4,585,299
Thetford Mines	33	490	1,020,593	77,927	1,059,679	2,930,106
Thurso	11	461	1,059,907	24,378	2,261,156	3,973,500
Trois Pistoles	18	238	466,074	17,666	2,604,724	3,690,630
Three Rivers	94	7,434	21,819,563	7,054,096	49,295,764	107,614,075
Val d'Or	21	201	424,684	37,182	830,370	1,719,498
Valleyfield	41	3,496	8,095,104	711,985	13,861,043	30,371,004
Verchères	17	138	287,511	56,213	1,759,343	2,262,169
Verdun	75	1,730	3,534,269	96,832	7,078,037	13,686,803
Victoriaville	55	2,830	5,593,266	206,324	10,995,655	20,076,247
Warwick	16	384	754,177	79,586	2,244,864	3,679,296
Waterloo	19	707	1,512,810	85,414	2,351,903	5,192,577
Westmount	33	2,119	6,300,271	369,860	6,823,805	18,788,938
Ontario:						
Acton	19	902	2,082,617	251,730	5,340,692	9,717,743
Alexandria	14	247	364,918	25,232	872,022	1,466,200
Almonte	11	144	353,392	107,792	3,459,681	4,436,671
Amherstburg	13	1,012	3,300,784	1,826,726	4,813,824	17,519,600
Arnprior	20	697	1,797,611	115,228	3,081,155	6,673,790
Aurora	15	603	1,403,682	75,296	3,881,536	7,217,168
Ayr	7	99	211,696	20,795	817,445	1,492,065
Barrie	28	863	2,167,262	164,631	7,882,210	13,582,686
Beamsville	13	198	363,232	22,032	728,556	1,382,291
Belleville	61	3,166	9,130,756	1,657,210	14,817,462	39,023,416
Bloomfield	10	167	256,825	23,129	1,138,432	1,822,512
Blyth	5	36	75,962	14,948	1,065,496	1,391,404
Bowmanville	18	977	2,836,759	197,904	5,290,175	12,757,114
Brampton	31	1,100	2,971,059	178,724	4,940,275	10,533,746
Brantford	162	13,617	43,233,137	1,904,584	78,534,374	153,862,014

TABLE 18. Statistics of Manufactures of Municipality, each with Selling Value of Factory Shipments of $1,000,000 or Over, and with Three or More Establishments, 1952 — Continued

Municipality	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
Ontario—Continued:						
Brighton	14	294	548,836	39,500	1,892,600	3,548,168
Brockville	41	1,288	3,113,371	271,224	7,057,855	13,077,522
Burlington	24	870	2,389,527	120,917	6,374,762	10,986,447
Cache Bay	3	140	418,387	16,586	1,374,668	2,226,178
Caledonia	12	342	1,006,842	251,825	3,330,866	5,130,677
Campbellford	19	356	819,939	71,069	2,383,657	3,612,737
Carleton Place	12	645	1,422,165	94,064	2,126,148	4,277,363
Chatham	76	3,868	12,031,375	1,077,167	69,903,032	97,970,263
Chesley	14	339	652,713	27,700	1,237,955	2,271,445
Clinton	11	168	298,989	25,365	617,015	1,135,027
Cobourg	29	953	2,424,002	222,174	4,519,776	9,683,282
Collingwood	20	1,288	3,638,339	139,169	5,438,229	10,463,308
Cornwall	49	6,437	18,087,814	3,432,747	32,630,228	71,948,578
Deseronto	6	279	507,329	32,567	1,018,442	1,805,373
Dresden	11	166	342,427	66,530	1,625,765	2,971,813
Dundas	35	1,801	4,934,575	248,625	3,528,037	11,112,853
Dunnville	21	1,060	2,377,156	122,906	6,242,734	9,276,874
Durham	12	163	364,634	48,451	531,531	1,021,580
Eastview	22	380	994,345	84,702	6,384,696	9,145,070
Eganville	12	113	237,180	35,664	873,966	1,365,309
Elmira	21	765	2,146,780	205,656	4,730,185	8,572,833
Elora	7	293	689,860	31,465	689,322	1,591,815
Essex	15	292	708,982	73,317	1,754,737	3,414,226
Exeter	8	116	270,402	29,909	851,361	1,441,627
Forest	11	192	353,666	39,723	797,997	1,337,565
Fort Erie	28	1,533	4,868,883	85,093	7,101,079	19,914,357
Fort William	69	4,171	13,429,027	2,433,851	27,250,322	58,251,364
Galt	99	6,637	18,600,450	789,884	30,997,134	63,848,579
Gananoque	18	816	2,172,523	215,649	4,007,080	7,905,660
Georgetown	16	933	2,522,729	170,608	5,033,699	8,691,236
Goderich	18	627	1,723,463	200,319	4,059,658	7,845,081
Gravenhurst	8	252	577,791	17,253	790,426	1,915,583
Grimsby	14	458	933,886	60,596	1,297,291	3,367,364
Guelph	111	5,910	15,964,795	1,011,891	28,914,899	58,265,359
Hamilton	575	59,257	190,167,980	21,287,922	385,701,709	781,596,810
Hanover	24	985	2,376,708	103,739	3,632,595	7,134,319
Harriston	17	230	429,942	58,005	1,717,067	2,604,586
Harrow	10	123	231,177	34,778	1,340,520	1,914,885
Havelock	11	77	157,647	35,892	561,590	1,158,207
Hespeler	18	1,810	4,529,589	456,548	6,599,756	14,300,142
Huntsville	17	384	880,746	66,143	2,431,322	4,328,894
Ingersoll	26	1,264	3,494,311	230,876	10,086,758	16,871,612
Kemptville	10	93	190,079	23,065	1,232,375	1,785,549
Kincardine	14	402	786,396	50,457	1,213,316	2,308,273
Kingston	72	3,819	10,266,072	676,646	25,789,344	51,332,907
Kitchener	205	14,768	40,621,100	1,833,228	95,068,796	189,465,624
Leamington	18	1,311	3,482,240	317,961	15,056,454	30,480,899
Leaside	61	10,572	33,652,212	1,430,188	68,325,132	137,842,621
Lindsay	36	1,711	3,965,186	321,816	5,411,098	13,232,834
Listowel	11	331	686,448	51,885	1,348,667	2,654,097
London	278	15,615	43,354,177	2,315,110	80,293,109	177,204,397
Long Branch	29	1,675	5,149,663	233,226	9,774,252	22,146,326
Lucknow	8	48	89,878	11,368	1,110,685	1,429,174
Meaford	17	447	934,601	87,438	2,093,104	3,658,987
Merritton	16	2,145	7,735,871	1,072,685	15,881,727	30,951,709
Midland	23	1,308	3,495,845	105,920	10,528,263	16,030,415
Mildmay	11	100	169,864	17,765	670,961	1,073,034
Milton	15	667	1,765,479	344,579	1,908,569	6,403,769
Milverton	10	242	525,846	25,104	833,574	1,650,400
Mimico	34	629	1,778,627	144,378	2,937,735	6,868,422
Mitchell	11	116	212,211	58,855	1,479,631	1,998,654
Mount Forest	14	246	399,844	29,381	939,610	1,715,799
Napanee	14	401	973,042	113,186	2,405,037	4,051,144
New Hamburg	12	286	621,320	32,256	976,390	1,942,649
New Liskeard	16	549	1,171,524	50,748	2,642,542	5,107,535
Newmarket	24	921	2,567,514	139,979	4,309,792	10,377,778
New Toronto	50	7,221	25,215,564	1,850,671	88,011,979	158,289,059
Niagara Falls	84	6,950	22,771,033	6,139,926	40,593,491	100,851,047
North Bay	31	606	1,626,045	133,582	2,560,715	5,521,355
Oakville	54	1,379	3,859,130	244,104	6,349,319	14,991,388
Orangeville	12	131	255,900	26,567	879,654	1,341,112
Orillia	55	2,149	5,761,268	377,060	6,255,880	14,867,022
Ottawa	294	10,561	28,070,513	1,904,469	44,223,524	97,725,356
Owen Sound	50	2,656	6,895,253	305,169	6,835,905	19,328,116
Paris	25	1,376	3,469,667	148,570	6,981,856	12,245,885
Pembroke	36	1,445	3,185,073	181,595	6,332,316	12,186,453
Penetanguishene	11	415	879,392	50,156	1,329,215	2,705,819
Perth	24	873	1,793,063	103,732	5,050,091	8,343,904
Peterborough	101	9,758	30,350,387	1,254,144	67,769,544	122,971,772
Petrolia	12	241	615,753	174,009	1,632,430	2,560,485
Picton	16	228	346,632	30,734	966,168	1,490,859
Port Arthur	62	3,111	9,894,793	1,741,704	20,567,096	44,738,614
Port Dalhousie	3	142	331,301	11,041	532,169	1,071,457
Port Dover	8	85	172,690	14,606	808,374	1,136,396
Port Elgin	7	184	355,299	18,138	579,101	1,099,224
Port Hope	27	1,041	3,182,736	286,518	3,979,073	11,065,515
Prescott	18	741	1,327,793	52,109	1,884,378	4,297,363
Preston	36	2,556	6,779,838	246,195	9,521,337	21,248,418

TABLE 18. Statistics of Manufactures of Municipality, each with Selling Value of Factory Shipments of $1,000,000 or Over, and with Three or More Establishments, 1952 — Continued

Municipality	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
Ontario—Concluded:						
Renfrew	30	1,078	2,484,623	204,581	4,083,979	7,695,980
Ridgetown	12	142	370,119	23,222	1,041,716	1,767,921
Riverside	5	106	255,894	24,949	697,150	1,087,239
St Catharines	104	11,975	38,327,182	1,954,059	62,302,387	134,364,249
St Mary's	12	555	1,781,000	1,005,857	4,587,103	10,511,170
St Thomas	47	2,170	5,789,091	348,231	9,507,632	21,921,121
Sarnia	49	8,172	29,221,061	11,564,392	110,032,405	198,878,634
Sault Ste Marie	57	8,196	29,470,481	7,303,378	68,685,620	136,356,712
Seaforth	9	224	436,240	21,583	739,307	1,292,923
Simcoe	30	1,344	3,564,411	236,833	21,580,993	28,780,582
Smith's Falls	23	922	2,508,480	155,154	4,870,045	8,867,852
Southampton	8	335	825,251	25,405	1,319,331	2,521,323
Stratford	65	3,459	9,193,044	393,866	15,161,722	28,638,669
Strathroy	18	432	898,006	57,822	2,323,672	3,967,400
Streetsville	13	366	919,140	150,872	4,648,992	7,263,170
Sudbury	56	1,114	3,019,606	274,936	7,143,703	13,770,607
Swansea	13	841	2,821,074	296,113	5,826,635	12,317,644
Tavistock	8	180	359,084	24,873	2,149,374	2,898,896
Thorold	23	2,633	10,097,534	3,037,372	20,909,486	42,303,543
Tilbury	12	763	2,054,304	167,378	3,437,894	4,584,595
Tillsonburg	28	891	2,042,954	243,078	11,935,937	15,263,283
Timmins	27	698	1,767,103	107,953	2,156,358	6,649,390
Toronto	3,825	149,020	439,286,411	17,313,945	945,304,350	1,790,369,192
Trenton	30	1,315	3,504,947	422,257	8,205,015	16,287,493
Tweed	12	171	326,302	18,083	726,590	1,474,327
Uxbridge	12	99	210,168	21,220	774,921	1,576,627
Walkerton	15	402	923,386	40,651	1,163,962	2,411,244
Wallaceburg	28	2,370	7,077,067	1,134,903	10,000,894	22,989,541
Waterford	5	127	235,090	13,371	634,312	1,155,243
Waterloo	59	2,506	7,269,173	400,476	12,465,675	37,903,657
Welland	61	9,337	32,945,066	6,394,883	77,470,746	157,543,465
Wellington	6	170	289,958	61,924	1,049,569	1,717,483
West Lorne	7	234	488,222	40,010	1,109,478	2,151,530
Weston	62	2,830	8,254,295	515,314	17,218,009	33,141,239
Whitby	14	369	762,331	47,911	1,387,651	2,899,889
Winchester	7	78	163,856	46,655	1,438,523	1,778,387
Windsor	330	36,628	130,027,457	6,027,143	377,637,512	646,949,316
Wingham	17	369	748,510	48,488	1,638,928	2,839,334
Woodstock	60	3,796	10,283,114	473,235	27,867,896	49,635,138
Manitoba:						
Brandon	40	789	2,122,087	221,582	10,172,980	14,190,241
Dauphin	17	106	210,357	22,278	780,114	1,255,880
Morden	19	107	253,087	50,950	510,907	1,195,499
Neepawa	8	111	280,222	74,725	675,442	1,260,099
Portage la Prairie	17	250	436,641	37,918	1,025,039	1,815,448
St Boniface	93	4,269	12,610,430	1,002,948	101,397,296	129,841,407
Selkirk	10	1,046	3,179,404	510,864	3,506,100	10,228,696
Transcona	6	2,669	7,653,405	325,617	14,568,917	24,372,547
Winnipeg	843	28,162	70,744,396	3,157,945	160,844,930	296,263,701
Saskatchewan:						
Melville	7	51	100,770	24,556	946,390	1,218,724
Moose Jaw	49	1,400	3,922,396	820,644	29,916,533	39,567,108
North Battleford	13	170	390,575	41,243	1,082,513	1,857,350
Prince Albert	32	1,057	2,736,958	203,435	12,518,809	19,955,777
Regina	138	2,974	8,590,115	1,368,700	35,996,622	60,215,968
Saskatoon	113	2,856	7,874,973	818,070	45,504,270	65,404,156
Swift Current	12	194	488,579	77,167	2,218,156	3,368,177
Yorkton	17	164	399,306	74,219	1,511,036	2,580,710
Alberta:						
Athabaska	27	124	211,730	21,558	888,371	1,320,733
Barrhead	13	101	186,050	21,887	1,266,830	1,583,412
Calgary	315	9,436	27,229,084	2,116,071	107,347,213	162,523,554
Camrose	12	81	198,708	11,449	725,850	1,072,211
Edmonton	330	10,206	27,671,393	1,068,351	99,724,643	153,099,237
Edson	28	189	327,783	27,552	686,141	1,347,020
Grande Prairie	26	283	599,097	50,489	1,982,749	3,300,857
Lethbridge	49	1,051	2,618,977	171,240	6,810,915	14,237,907
Lloydminster	8	219	693,930	208,728	4,885,005	8,290,260
Medicine Hat	42	1,080	2,490,035	148,131	17,659,629	22,709,914
Red Deer	17	177	409,499	41,412	2,365,577	3,320,424
Rocky Mountain House	41	245	436,654	39,111	1,789,062	3,011,013
Wetaskiwin	9	67	142,521	12,256	920,210	1,177,111
British Columbia:						
Armstrong	14	115	295,218	28,673	592,155	1,076,703
Burns Lake	24	251	638,280	41,121	2,342,659	3,785,735
Chilliwack	25	266	554,476	70,013	1,518,162	3,018,596
Cranbrook	32	394	1,079,228	108,286	2,140,930	4,327,677
Dawson Creek	17	169	380,930	36,930	1,364,364	2,200,621

TABLE 18, Statistics of Manufactures of Municipality, each with Selling Value of Factory Shipments of $1,000,000 or Over, and with Three or More Establishments, 1952 — Concluded

Municipality	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
British Columbia:						
Duncan	26	204	560,084	43,098	1,025,719	2,045,953
Fernie	9	134	358,139	38,328	872,986	1,766,285
Fort St John	9	129	261,042	27,040	524,823	1,267,503
Kamloops	46	593	1,485,934	112,963	2,145,626	5,023,439
Kelowna	41	716	1,800,998	83,705	3,295,323	7,248,034
Merritt	10	199	576,085	37,290	1,097,340	2,193,449
Mission City	20	363	873,838	66,118	2,621,532	4,466,279
Nanaimo	25	434	1,313,309	94,787	2,473,821	5,328,504
Nelson	32	521	1,348,356	106,811	2,982,389	5,699,059
New Westminster	118	6,429	19,182,949	1,208,088	59,926,452	106,730,574
North Vancouver	56	2,430	8,227,887	317,986	10,725,560	25,924,333
Oliver	10	171	436,424	22,988	703,655	1,590,637
Penticton	22	351	793,806	49,315	1,365,811	2,917,862
Port Alberni	21	2,314	7,117,302	220,899	15,847,376	34,713,846
Port Moody	5	454	1,626,307	13,110	3,424,734	5,885,881
Prince George	141	1,776	5,068,859	434,599	13,331,966	24,442,995
Prince Rupert	27	589	1,696,964	136,994	3,842,656	5,835,526
Quesnel	71	728	1,996,897	177,605	3,560,394	6,894,547
Revelstoke	18	147	342,298	44,081	680,009	1,469,311
Smithers	22	131	275,107	19,607	1,073,373	1,568,590
Trail	20	190	470,008	35,334	441,151	1,182,592
Vancouver	1,275	33,296	102,163,999	5,292,224	248,964,894	437,663,057
Vanderhoof	21	119	244,367	31,298	1,334,550	2,199,399
Vernon	51	455	1,067,686	81,178	2,211,296	4,366,847
Victoria	211	4,478	13,452,543	811,878	22,228,556	47,028,395
Williams Lake	22	110	236,553	18,181	904,289	1,497,021

TABLE 19. Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1952

County and Census Division	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
Newfoundland:						
Division no. 1	222	3,543	6,763,263	602,147	15,036,191	28,714,131
Division no. 2	30	649	907,492	173,181	1,440,533	2,983,798
Division no. 3	37	666	848,471	142,085	1,348,704	2,919,055
Division no. 4	50	69	47,209	5,761	168,824	275,337
Division no. 5	56	2,785	9,790,110	1,659,601	15,821,799	40,716,702
Division no. 6	55	1,504	5,975,263	1,177,351	9,905,502	26,310,356
Division no. 7	215	488	469,619	66,277	809,814	1,684,804
Division no. 8	139	256	186,528	22,054	343,226	760,403
Division no. 9	136	327	234,806	23,323	576,747	1,043,753
Division no. 10	8	16	11,090	1,270	26,280	51,345
Totals	**948**	**10,303**	**25,233,851**	**3,873,050**	**45,477,620**	**105,459,684**
Prince Edward Island:						
King's County	57	383	405,443	62,309	1,838,777	2,594,207
Prince County	84	563	743,056	86,304	5,267,308	6,953,407
Queen's County	83	849	1,657,123	177,562	8,680,314	12,522,057
Totals	**224**	**1,795**	**2,805,622**	**326,175**	**15,786,399**	**22,069,671**
Nova Scotia:						
Annapolis	41	391	637,062	63,233	2,059,289	3,440,427
Antigonish	28	199	277,707	45,567	832,985	1,414,704
Cape Breton	122	7,625	21,313,868	5,959,007	36,878,636	70,781,941
Colchester	112	1,863	3,020,125	306,468	7,894,617	13,371,463
Cumberland	104	1,860	3,588,140	496,139	9,333,833	17,280,632
Digby	97	852	1,042,691	109,635	3,314,486	5,296,326
Guysboro	45	489	584,395	65,667	1,727,284	2,842,892
Halifax	252	8,403	20,578,044	2,524,044	54,464,433	96,284,118
Hants	68	1,038	1,916,216	361,326	4,997,594	9,397,909
Inverness	72	285	273,137	26,046	1,044,218	1,576,730
Kings	73	697	1,044,517	156,646	4,742,503	7,233,148
Lunenburg	155	1,704	2,964,559	223,165	6,813,261	11,732,824
Pictou	114	4,282	10,330,257	1,117,953	27,696,553	44,937,030
Queens	33	1,371	4,024,483	1,198,400	6,984,826	19,059,857
Richmond	27	167	231,518	20,472	737,117	1,184,478
Shelburne	82	813	1,123,717	102,816	5,201,108	7,618,890
Victoria	32	97	103,098	7,482	354,580	516,636
Yarmouth	76	1,235	2,191,853	199,315	8,064,043	12,869,742
Totals	**1,533**	**33,371**	**75,245,387**	**12,983,381**	**183,141,366**	**326,839,747**

TABLE 19. Principal Statistics of the Manufacturing of Canada, by Counties and Census Division, 1952 — Continued

County and Census Division	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
New Brunswick:						
Albert	24	254	588,291	185,952	1,569,390	3,465,818
Carleton	54	577	855,586	138,999	3,150,247	5,178,718
Charlotte	69	2,762	4,439,855	360,785	12,131,748	19,291,995
Gloucester	109	2,109	5,077,890	1,440,477	13,229,172	25,298,571
Kent	46	349	406,985	61,249	1,957,546	2,778,509
Kings	50	490	1,044,093	547,787	3,157,672	6,224,080
Madawaska	54	1,145	3,755,382	1,196,526	9,917,395	20,994,083
Northumberland	78	1,206	2,458,268	398,075	6,992,616	12,243,605
Queens	36	277	511,347	169,455	1,056,983	2,267,041
Restigouche	59	2,083	7,177,527	3,442,393	21,088,428	41,024,169
St. John	142	5,589	13,167,801	2,048,856	53,036,922	90,027,591
Sunbury	9	40	56,340	5,583	138,062	260,683
Victoria	41	446	819,286	36,280	1,466,912	2,922,936
Westmorland	196	4,914	11,726,276	795,938	27,824,054	47,018,010
York	110	2,010	3,893,535	333,082	8,043,727	14,763,973
Totals	**1,077**	**24,251**	**55,978,462**	**11,161,437**	**164,760,874**	**293,759,782**
Quebec:						
Abitibi	199	1,580	2,912,569	228,595	8,535,267	14,150,716
Argenteuil	76	3,126	7,553,372	565,692	17,190,017	32,390,848
Arthabasca	148	4,032	7,720,003	418,190	20,958,007	37,860,584
Bagot	82	1,337	2,427,562	156,278	7,676,506	11,874,988
Beauce	182	2,561	4,501,227	350,671	10,957,527	19,799,505
Beauharnois	70	6,500	17,339,629	5,005,370	29,962,040	69,862,944
Bellechasse	78	314	433,238	57,997	2,737,552	3,549,424
Berthier	120	1,447	2,481,210	238,098	6,192,609	11,881,149
Bonaventure	94	484	608,891	53,379	2,617,120	3,777,551
Brome	44	343	541,352	64,747	1,704,158	2,711,504
Chambly	108	5,231	13,320,800	607,506	23,026,307	46,423,259
Champlain	238	7,490	17,459,645	3,977,184	54,917,842	106,619,958
Charlevoix East	41	551	1,692,837	878,072	3,941,334	8,811,880
Charlevoix West	33	103	131,097	12,358	459,605	697,282
Chateauguay	41	565	1,113,425	100,524	4,107,939	6,625,877
Chicoutimi	189	10,496	35,800,640	23,546,333	96,706,533	237,707,404
Compton	73	1,317	3,339,706	953,462	8,784,828	17,140,099
Deux Montagnes	54	325	508,983	60,541	1,841,615	2,807,278
Dorchester	113	639	1,107,059	133,201	6,002,210	8,179,091
Drummond	106	7,607	19,336,403	1,721,807	29,890,368	70,624,123
Frontenac	103	1,000	1,568,495	137,092	4,223,739	7,266,093
Gaspé East	100	989	2,269,822	484,001	6,863,336	11,623,212
Gaspé West	26	390	611,005	31,072	1,817,746	2,942,224
Gatineau	72	297	517,821	57,377	1,899,245	3,124,202
Hull	76	6,741	20,632,670	6,263,491	53,292,074	104,150,435
Huntingdon	29	722	2,016,587	178,826	8,431,129	13,503,834
Iberville	42	495	949,241	101,303	2,556,513	4,572,182
Iles-de-la-Madeleine	25	495	327,957	44,121	1,488,075	2,093,318
Jésus Island	45	634	1,238,813	77,690	2,216,899	4,381,613
Joliette	127	2,768	6,262,617	912,034	13,784,408	26,898,144
Kamouraska	84	486	696,945	54,255	2,531,176	3,745,397
Labelle	92	720	1,128,574	89,826	3,759,436	6,071,379
Lac St. Jean East	78	1,841	6,636,962	4,694,559	24,038,931	48,941,910
Lac St. Jean West	160	1,313	3,541,773	1,247,688	12,420,068	24,171,095
Laprairie	37	975	2,525,430	817,239	4,227,924	10,491,205
L'Assomption	71	2,223	4,863,738	402,035	8,088,083	13,508,354
Lévis	94	4,149	9,959,388	539,302	13,610,943	31,665,159
L'Islet	105	811	1,465,345	100,810	3,100,726	6,247,115
Lotbinière	99	627	937,001	167,267	4,382,392	6,244,381
Maskinonge	72	1,099	2,203,527	263,796	5,912,013	9,841,929
Matane	74	779	1,656,825	75,956	3,899,799	7,064,459
Matapédia	71	503	820,491	69,012	2,867,658	4,482,229
Mégantic	118	1,900	3,897,478	210,700	6,571,013	13,427,755
Missisquoi	76	3,417	7,781,085	697,194	15,685,515	32,368,460
Montcalm	64	387	602,830	51,083	3,126,377	4,042,461
Montmagny	91	1,598	3,155,606	211,360	6,581,326	12,834,478
Montmorency No. 1	48	808	2,292,204	1,411,919	5,754,741	14,337,044
Montmorency No. 2	16	81	142,274	13,384	361,815	652,665
Montreal	4,791	239,727	656,041,091	42,376,485	1,563,855,068	2,875,272,209
Napierville	34	417	724,926	75,299	4,269,390	6,401,637
Nicolet	119	830	1,298,366	177,211	7,063,942	9,648,082
Papineau	87	1,931	5,788,218	1,622,023	11,861,780	27,520,907
Pontiac	47	370	668,082	57,852	2,664,902	4,004,269
Portneuf	170	2,821	7,558,782	3,088,176	18,678,423	38,945,367
Quebec	589	19,790	44,649,785	5,101,467	109,810,213	201,745,290
Richelieu	74	7,259	20,616,599	1,761,416	27,364,667	57,089,525
Richmond	79	2,920	8,063,181	1,516,967	18,117,137	36,010,223
Rimouski	141	906	1,685,739	141,549	4,981,190	8,242,484
Rivière-du-Loup	109	917	1,812,866	139,859	5,507,900	8,915,280
Rouville	89	1,337	2,449,541	324,917	8,471,880	13,726,999
Saguenay	65	1,211	4,592,418	697,207	17,299,178	31,080,817
Shefford	157	6,308	14,884,117	936,993	36,580,053	70,990,475
Sherbrooke	125	8,450	21,813,015	1,470,223	46,359,956	93,515,908
Soulanges	25	85	149,868	24,484	749,874	1,013,034
Stanstead	101	4,395	9,281,261	854,988	39,601,777	56,944,484
St. Hyacinthe	139	5,004	10,209,862	666,988	31,061,266	50,953,548
St. Jean	85	5,533	15,251,395	1,026,985	21,306,193	49,274,412
St. Maurice	198	13,703	41,464,340	16,489,180	99,726,313	221,953,001

TABLE 19. Principal Statistics of the Manufacturing of Canada, by Counties and Census Division, 1952 — Continued

County and Census Division	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
Quebec — Concluded:						
Témiscamingue	98	2,158	6,898,849	3,234,413	64,964,921	86,843,604
Temiscouata	82	675	1,320,238	74,351	3,807,941	6,013,858
Terrebonne	213	6,164	12,880,692	895,562	24,885,851	49,909,093
Vaudreuil	41	253	481,907	35,140	1,052,592	1,829,262
Verchères	63	1,222	2,997,637	341,812	9,602,056	17,333,723
Wolfe	69	757	944,461	223,633	2,136,643	3,902,693
Yamaska	50	259	385,315	83,856	2,134,523	2,966,445
Totals	**12,024**	**429,698**	**1,125,944,703**	**141,973,433**	**2,745,618,113**	**5,176,234,825**
Ontario:						
Algoma	126	8,971	31,110,602	7,390,072	72,728,267	143,061,214
Brant	209	15,272	47,328,566	2,116,980	88,159,346	170,096,707
Bruce	148	2,226	4,450,136	299,813	10,187,422	17,235,925
Carleton	364	11,048	29,227,433	2,018,415	51,302,565	107,832,187
Cochrane	123	4,907	16,992,083	3,000,644	34,080,560	81,591,377
Dufferin	30	180	337,789	45,755	1,518,979	2,140,112
Dundas	50	633	1,329,406	205,299	9,408,956	13,170,337
Durham	86	2,266	6,497,949	523,681	10,511,450	25,811,967
Elgin	101	3,000	7,576,634	630,570	33,851,213	51,497,109
Essex	460	40,937	141,295,099	8,589,476	418,166,396	724,814,976
Frontenac	114	6,442	19,115,916	1,596,875	39,740,989	85,066,853
Glengarry	63	387	584,100	84,228	2,794,591	3,863,743
Grenville	59	1,613	3,412,477	630,178	12,317,808	21,016,138
Grey	191	4,701	11,320,259	643,686	16,541,646	35,975,990
Haldimand	60	1,663	4,029,696	556,974	12,480,271	20,809,432
Haliburton	31	410	861,212	46,297	1,161,877	2,982,858
Halton	148	4,913	12,975,502	1,169,173	26,142,512	52,722,633
Hastings	241	7,468	18,987,471	2,856,669	39,095,718	83,667,736
Huron	135	1,808	3,965,083	462,494	10,810,047	18,771,262
Kenora	85	2,070	6,490,983	904,814	30,479,695	48,636,897
Kent	199	7,641	22,483,993	2,607,262	87,365,420	134,172,567
Lambton	127	9,112	31,524,156	12,858,413	128,398,872	223,789,560
Lanark	118	2,951	6,757,398	542,323	17,533,190	30,216,737
Leeds	121	2,994	7,635,736	670,049	34,784,682	49,099,724
Lennox and Addington	64	814	1,838,016	367,497	5,385,518	8,857,778
Lincoln	204	16,119	50,683,630	3,323,559	86,873,366	184,124,045
Manitoulin	31	88	122,148	15,900	548,946	810,568
Middlesex	374	17,751	49,722,015	2,722,587	105,892,860	215,261,492
Muskoka	80	1,005	2,082,297	134,054	4,271,078	8,354,894
Nipissing	100	2,019	5,192,516	546,900	9,130,417	19,187,678
Norfolk	87	1,960	4,834,942	350,244	39,076,188	49,202,706
Northumberland	123	1,925	4,302,965	388,652	11,677,877	20,612,209
Ontario	181	16,476	54,125,963	2,282,023	217,400,447	377,758,712
Oxford	198	6,871	17,866,700	1,626,750	58,763,945	96,851,173
Parry Sound	106	1,123	2,456,560	262,055	5,588,763	12,646,418
Peel	121	15,693	55,744,614	4,570,625	81,629,004	172,582,769
Perth	155	4,883	12,751,412	1,632,958	28,087,177	51,070,729
Peterborough	148	9,959	30,711,623	1,318,440	69,309,892	125,532,639
Prescott	87	1,081	2,709,720	768,500	5,982,283	10,225,983
Prince Edward	66	893	1,283,942	169,693	5,209,513	8,019,705
Rainy River	50	1,043	3,888,827	812,393	8,673,844	19,308,155
Renfrew	200	4,468	10,357,935	1,252,211	20,681,339	40,009,966
Russell	57	182	256,379	74,222	1,987,757	2,519,907
Simcoe	238	6,548	16,786,096	921,848	34,673,967	62,426,867
Stormont	88	6,676	18,643,721	3,607,082	36,850,111	77,579,950
Sudbury	159	10,450	37,014,562	15,141,722	102,415,058	271,987,933
Thunder Bay	262	9,434	30,469,736	6,589,891	71,547,732	155,200,133
Timiskaming	98	1,254	2,823,178	220,238	5,805,766	11,622,170
Victoria	86	1,988	4,417,353	376,260	6,828,072	15,522,448
Waterloo	530	29,970	81,856,160	4,193,982	168,625,064	348,450,306
Welland	294	26,409	90,704,277	20,234,669	303,702,794	529,420,956
Wellington	225	7,897	20,790,727	1,376,187	41,006,945	80,031,486
Wentworth	652	61,814	196,832,605	21,833,970	394,367,349	801,612,482
York	4,719	199,290	596,626,107	26,070,395	1,265,875,859	2,447,337,328
Totals	**13,172**	**609,696**	**1,844,186,405**	**173,635,647**	**4,387,431,403**	**8,372,173,626**
Manitoba:						
Division no. 1	52	222	346,528	48,690	1,329,837	2,043,944
Division no. 2	37	381	729,141	105,596	3,252,417	5,130,972
Division no. 3	26	94	153,395	27,094	1,106,928	1,412,348
Division no. 4	12	74	149,710	17,059	418,541	696,943
Division no. 5	58	3,670	10,883,295	1,921,678	32,844,562	56,891,189
Division no. 6	981	33,302	85,508,189	5,236,405	267,363,404	439,633,461
Division no. 7	63	848	2,212,954	237,897	10,691,952	14,877,813
Division no. 8	17	81	156,540	28,481	1,412,547	1,744,177
Division no. 9	47	3,150	8,223,831	786,676	11,481,412	27,587,434
Division no. 10	23	154	334,381	81,387	1,093,091	1,819,647
Division no. 11	20	75	137,599	25,853	1,055,134	1,263,018
Division no. 12	34	99	156,284	39,637	1,242,639	1,609,341
Division no. 13	39	183	310,334	36,396	1,158,356	1,864,765
Division no. 14	43	128	161,956	18,729	1,027,107	1,467,620
Division no. 15	22	56	89,251	13,943	493,749	726,004
Division no. 16	57	848	2,594,184	932,735	11,692,974	15,268,536
Totals	**1,531**	**43,365**	**112,147,572**	**9,558,256**	**347,664,650**	**574,037,212**

TABLE 19. Principal Statistics of the Manufacturing of Canada, by Counties and Census Division, 1952 — Concluded

County and Census Division	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
Saskatchewan:						
Division no. 1	24	122	263,172	45,492	876,355	1,544,812
Division no. 2	13	71	158,451	23,109	397,284	757,267
Division no. 3	7	23	35,894	3,005	36,514	92,244
Division no. 4	10	52	94,646	16,727	501,004	655,714
Division no. 5	32	133	226,397	46,031	1,920,324	2,496,519
Division no. 6	156	3,108	9,023,853	1,590,150	41,790,894	68,654,745
Division no. 7	55	1,424	3,971,579	834,003	29,973,798	39,774,668
Division no. 8	18	213	516,622	79,461	2,226,344	3,419,858
Division no. 9	87	363	692,778	125,127	3,098,330	4,821,756
Division no. 10	15	56	96,108	12,538	951,840	1,181,919
Division no. 11	124	2,892	7,929,113	825,237	45,641,132	65,650,098
Division no. 12	11	54	132,774	8,729	205,778	393,656
Division no. 13	12	78	182,910	37,704	401,941	1,285,146
Division no. 14	200	673	1,116,533	88,102	2,598,438	5,843,628
Division no. 15	92	1,201	2,933,114	250,532	13,545,382	21,400,651
Division no. 16	74	309	552,831	63,440	1,909,806	3,031,182
Division no. 17	92	535	1,563,087	1,560,113	26,312,955	37,927,913
Division no. 18						
Totals	**1,022**	**11,307**	**29,489,862**	**5,609,500**	**172,388,119**	**258,931,776**
Alberta:						
Division no. 1	48	1,326	3,054,567	251,766	21,569,206	28,009,993
Division no. 2	100	1,672	4,106,081	382,129	10,930,621	22,158,093
Division no. 3	15	613	1,584,571	91,600	2,367,924	6,195,142
Division no. 4	27	408	1,073,342	198,990	7,406,417	10,878,233
Division no. 5	11	43	73,896	12,795	230,850	369,379
Division no. 6	427	10,354	30,026,279	3,699,765	111,456,475	177,373,589
Division no. 7	28	107	228,989	30,442	1,397,779	1,784,023
Division no. 8	105	578	1,200,565	126,214	6,714,527	9,066,122
Division no. 9	199	876	1,410,043	127,713	5,049,280	8,338,657
Division no. 10	51	353	905,278	246,894	6,566,886	10,410,489
Division no. 11	450	11,942	32,932,883	2,674,321	139,121,467	211,880,505
Division no. 12	209	1,000	1,605,545	148,378	4,503,308	7,861,168
Division no. 13	79	275	447,164	40,964	2,032,734	3,284,573
Division no. 14	166	725	1,199,958	105,482	4,927,551	7,293,155
Division no. 15	106	694	1,239,028	103,969	3,408,916	6,257,762
Division no. 16	113	763	1,391,826	126,433	4,045,732	7,040,917
Division no. 17	16	36	47,179	4,802	87,468	209,011
Totals	**2,150**	**31,765**	**82,527,194**	**8,372,657**	**331,817,141**	**518,410,811**
British Columbia:						
Division no. 1	153	1,510	3,876,231	459,691	8,278,247	17,069,155
Division no. 2	189	7,013	23,884,593	3,314,302	135,182,689	171,134,157
Division no. 3	381	3,661	8,675,833	596,496	16,486,602	34,014,722
Division no. 4	1,830	53,085	162,465,411	10,499,487	419,354,075	742,993,314
Division no. 5	488	13,422	43,253,376	4,303,774	82,588,649	177,887,282
Division no. 6	302	2,535	6,238,936	534,648	11,224,606	23,810,767
Division no. 7	34	3,253	12,836,449	2,483,276	24,026,370	64,716,622
Division no. 8	716	5,647	14,369,365	1,196,755	32,711,398	62,514,077
Division no. 9	63	2,059	7,011,532	1,816,813	18,814,570	33,923,318
Division no. 10	69	482	919,250	93,060	2,344,042	4,418,448
Totals	**4,225**	**92,667**	**283,530,976**	**25,298,302**	**751,011,248**	**1,332,481,862**

APPENDIX I

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1952

MONTREAL METROPOLITAN AREA

Industry	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
Foods and Beverages:						
Biscuits	8	2,076	4,323,181	269,410	13,811,553	25,371,002
Bread, and other bakery products	147	5,137	12,110,557	1,175,591	20,212,367	42,607,664
Breweries	5	2,286	8,799,123	740,715	15,540,875	48,874,596
Butter and cheese	11	1,966	5,462,940	502,104	15,395,624	25,513,999
Carbonated beverages	27	1,115	3,228,554	267,680	6,056,532	22,307,868
Confectionery	35	2,415	5,017,372	294,762	15,613,224	30,009,681
Dairy products, other	6	195	453,047	63,488	1,653,152	3,121,005
Feeds, stock and poultry, prepared	13	496	1,359,610	114,098	24,505,254	28,513,030
Flour mills	3	583	2,080,237	163,178	27,068,835	31,417,211
Fruit and vegetable preparations	36	1,027	2,194,915	210,524	8,550,606	13,520,309
Miscellaneous food preparation	67	2,352	5,900,302	515,891	54,301,951	78,365,358
Sausage and sausage casings	18	279	591,699	54,237	3,219,448	4,766,212
Slaughtering and meat packing	21	3,417	10,475,304	716,693	119,199,294	140,929,539
All other industries[1]	19	3,691	11,598,652	1,395,200	67,393,839	109,222,552
Totals	**416**	**27,035**	**73,595,493**	**6,483,571**	**392,522,554**	**604,540,026**
Tobacco and Tobacco Products:						
Totals	**22**	**5,073**	**15,399,092**	**226,183**	**49,097,540**	**95,245,153**
Rubber Products:						
Totals	**11**	**2,517**	**7,842,898**	**327,991**	**10,097,723**	**23,533,620**
Leather Products:						
Belting, leather	6	84	210,768	13,395	428,396	835,357
Boot and shoe findings, leather	9	134	348,052	7,403	705,359	1,293,240
Footwear, leather	74	7,001	14,008,176	178,944	21,112,559	41,672,005
Gloves and mittens, leather	21	623	988,636	14,956	1,650,325	3,251,933
Leather tanneries	4	93	235,377	26,373	453,413	871,570
Miscellaneous leather goods	90	2,070	3,864,231	60,096	4,946,571	10,883,311
Totals	**204**	**10,005**	**19,655,240**	**301,167**	**29,296,623**	**58,807,416**
Textile Products (Except Clothing):						
Awnings, tents and sails	15	318	670,244	21,714	1,439,736	2,650,631
Bags, cotton and jute	12	462	976,545	43,882	10,180,012	11,591,625
Cotton yarn and cloth	6	2,957	8,321,549	424,584	10,619,606	19,858,635
Dyeing and finishing of textiles	23	809	2,044,284	253,077	1,300,916	4,308,216
Embroideries, pleating, hemstitching, etc.	99	1,330	2,474,083	30,699	2,022,918	6,266,139
Miscellaneous cotton goods	7	206	535,072	63,995	2,064,401	3,137,146
Miscellaneous textile products	71	1,931	3,961,557	147,181	13,328,080	21,823,438
Narrow fabrics	23	451	959,314	29,643	1,378,953	3,349,646
Oilcloth, linoleum and other coated fabrics	7	1,592	4,897,958	315,782	10,488,376	20,114,559
Woollen cloth	5	76	358,791	1,569	233,364	417,174
All other industries[2]	18	1,886	6,379,268	91,609	5,717,219	9,884,362
Totals	**286**	**12,018**	**31,578,665**	**1,423,735**	**58,773,581**	**103,401,571**
Clothing (Textile and Fur):						
Clothing children's	95	4,159	7,301,073	87,971	16,881,995	29,394,558
Clothing contractors, men's	90	1,893	3,912,052	38,515	295,997	5,046,676
Clothing contractors, women's	61	1,041	1,828,812	18,113	89,787	2,465,834
Clothing, men's, factory	279	13,115	27,962,550	245,419	60,661,640	115,287,025
Clothing, women's, factory	509	17,796	37,218,935	294,915	75,088,878	143,379,023
Corsets	13	659	1,154,791	8,179	1,729,740	4,110,857
Fur goods	244	2,730	7,033,832	84,976	21,499,486	33,138,920
Hats and caps	74	2,298	5,123,222	84,710	5,657,570	13,706,249
Hosiery	21	1,170	2,873,531	87,490	2,572,155	7,806,472
Oiled and waterproofed clothing	8	358	804,163	8,676	1,932,398	3,361,162
Other knitted goods	41	1,891	3,502,678	75,649	8,000,454	13,074,841
Miscellaneous clothing products	32	726	1,355,858	15,830	3,361,705	5,549,462
All other industries[3]	6	604	1,754,823	33,804	802,405	3,653,146
Totals	**1,473**	**48,440**	**101,826,320**	**1,084,247**	**198,574,210**	**379,974,225**
Wood Products:						
Boxes and baskets, wood	7	384	955,908	42,881	1,310,415	2,761,065
Coffins and caskets	3	75	154,006	5,230	222,046	416,745
Furniture	252	4,911	11,860,010	349,772	17,956,922	38,232,872
Lasts, trees and shoe findings	5	276	608,524	19,326	401,785	1,193,399
Miscellaneous wood products	40	353	812,122	60,739	1,934,850	3,258,868
Sash, door and planing mills	73	937	2,209,826	149,517	6,455,616	10,095,961
Wood turning	4	17	32,891	796	23,825	70,650
All other industries[4]	9	383	989,628	60,504	1,543,786	3,345,956
Totals	**393**	**7,336**	**17,622,915**	**688,765**	**29,849,245**	**59,373,516**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1952 — Continued

MONTREAL METROPOLITAN AREA — Continued

Industry	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
Paper Products:						
Boxes and bags, paper	33	3,115	7,431,217	245,699	19,730,016	33,059,182
Miscellaneous paper goods	42	1,254	2,921,181	86,158	6,633,829	12,900,432
All other industries[5]	7	2,100	8,856,029	485,081	7,844,790	19,676,531
Totals	**82**	**6,469**	**19,208,427**	**816,938**	**34,208,635**	**65,636,145**
Printing, Publishing and Allied Industries:						
Engraving, stereotyping and electrotyping	33	787	2,774,734	63,436	1,055,481	5,336,519
Lithographing	10	706	2,278,341	45,882	3,276,068	7,575,578
Printing and bookbinding	338	5,076	14,174,249	277,340	11,011,164	32,966,764
Printing and publishing	28	4,810	15,601,607	239,365	12,316,987	40,515,634
Publishing (only) of periodicals	267	1,880	4,730,088	—	9,408,300	20,942,603
Trade composition	10	273	817,353	13,045	110,377	1,386,464
Totals	**686**	**13,532**	**40,376,372**	**639,068**	**37,178,377**	**108,723,562**
Iron and Steel Products:						
Boilers and platework	12	1,103	3,825,813	142,204	3,833,406	11,371,016
Bridge building and structural steel	8	3,228	11,725,302	383,911	21,833,711	44,554,250
Castings, iron	14	2,108	7,056,672	477,100	9,848,729	23,305,300
Hardware, tools and cutlery	52	2,752	7,921,361	268,102	6,924,910	22,041,121
Heating and cooking apparatus	11	790	2,444,100	102,807	4,574,534	9,582,927
Machinery, household, office and store	18	788	2,114,835	37,039	1,889,582	4,244,540
Machinery, industrial	36	5,218	17,904,097	565,734	17,918,259	51,119,684
Machine shops	68	1,161	3,335,815	110,215	1,472,258	6,550,614
Miscellaneous iron and steel products	50	871	2,304,476	107,371	1,692,151	5,522,728
Primary iron and steel	5	2,746	9,534,047	1,526,254	15,194,701	36,124,571
Sheet metal products	56	4,793	14,789,363	537,028	27,423,468	53,167,118
Wire and wire goods	26	2,038	6,398,245	383,823	7,024,179	24,875,532
Totals	**356**	**27,596**	**89,354,126**	**4,641,588**	**119,629,888**	**292,459,401**
Transportation Equipment:						
Boat building	6	22	34,649	1,146	21,065	70,813
Motor vehicle parts	20	324	822,048	45,999	865,981	2,276,389
Railway rolling stock	8	16,936	50,056,055	2,362,011	82,156,979	158,086,940
All other industries[6]	28	18,720	55,298,772	1,209,717	79,006,661	144,330,539
Totals	**62**	**36,002**	**106,211,524**	**3,618,873**	**162,050,686**	**304,764,681**
Non-ferrous Metal Products:						
Totals	**133**	**6,713**	**19,219,428**	**1,453,012**	**121,868,628**	**155,911,367**
Electrical Apparatus and Supplies:						
Machinery, heavy electrical	10	961	2,832,347	64,797	3,098,090	7,953,151
Miscellaneous electrical apparatus and supplies[7]	30	10,971	35,314,018	796,440	36,189,891	93,757,498
Radios and radio parts	15	3,879	12,291,125	170,605	17,508,782	35,313,561
Refrigerators, vacuum cleaners and appliances	13	1,314	3,933,534	137,760	6,626,684	16,323,009
Totals	**68**	**17,125**	**54,371,024**	**1,169,602**	**63,423,447**	**153,347,219**
Non-metallic Mineral Products:						
Concrete products	37	1,119	3,181,706	367,931	6,618,899	13,127,666
Glass and glass products	26	2,259	6,306,171	1,808,405	6,252,020	18,825,823
Miscellaneous non-metallic mineral products	11	139	359,665	50,129	584,793	1,400,054
Stone products	12	184	469,213	43,055	441,022	1,175,052
All other industries[8]	11	1,828	5,610,093	3,603,100	7,642,236	26,950,245
Totals	**97**	**5,529**	**15,926,848**	**5,872,620**	**21,538,970**	**61,478,840**
Products of Petroleum and Coal[9]:						
Totals	**12**	**3,559**	**13,506,626**	**12,461,371**	**182,160,460**	**282,479,181**
Chemicals and Allied Products:						
Acids, alkalies and salts	3	413	1,688,559	35,309	2,588,381	3,380,068
Adhesives	9	147	398,473	39,224	2,009,085	3,078,102
Gases, compressed	7	235	734,777	72,174	448,547	3,273,022
Inks	10	109	291,516	12,735	572,811	1,309,997
Medicinal and pharmaceutical preparations	71	3,181	9,163,459	313,264	10,678,170	35,816,343
Miscellaneous chemical products	45	1,053	3,617,654	130,214	4,351,394	8,906,949
Paints, varnishes and lacquers	28	2,275	6,687,015	229,143	15,867,995	31,893,024
Polishes and dressings	13	224	548,244	36,896	2,136,853	3,582,473
Soaps, washing compounds and cleaning preparations	31	463	1,138,636	80,175	2,404,618	6,174,910
Toilet preparations	31	595	1,439,785	42,884	3,301,593	9,185,410
All other industries[10]	8	748	2,730,515	230,767	10,191,834	14,327,041
Totals	**256**	**9,443**	**28,438,633**	**1,222,785**	**54,551,281**	**120,927,339**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1952 — Continued

MONTREAL METROPOLITAN AREA — Concluded

Industry	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
Miscellaneous Manufacturing Industries:						
Artificial flowers and feathers	23	397	607,298	6,122	825,359	1,926,442
Brooms, brushes and mops	26	354	665,834	22,083	1,289,678	2,415,991
Buttons, buckles and fasteners	30	652	1,245,206	33,292	2,102,784	4,404,350
Clocks, watches and watch cases	16	142	359,408	4,792	1,009,312	1,896,516
Fountain pens and pencils	5	251	489,517	8,858	882,474	2,191,058
Hair goods	8	40	98,298	3,055	374,665	538,194
Ice, artificial	8	104	278,052	103,492	40,220	786,818
Lamps, electric and lamp shades	27	488	898,894	25,983	1,853,612	3,534,832
Models and patterns excluding paper	10	100	386,792	8,214	135,871	732,398
Other miscellaneous industries	6	185	413,538	14,408	554,744	1,462,793
Plastic products	32	523	1,277,494	63,009	3,754,630	7,263,016
Scientific and professional equipment	23	1,037	3,114,044	42,868	3,158,890	8,080,517
Signs, electric, neon and other	31	431	1,185,143	43,457	655,947	2,733,599
Sporting goods	11	215	417,736	11,570	527,900	1,174,380
Stamps and stencils, rubber and metal	10	106	284,770	6,896	135,456	537,997
Statuary, art goods and novelties	37	327	652,113	15,348	608,450	1,613,824
All other industries[11]	23	812	1,884,064	82,778	2,228,578	6,221,462
Totals	**326**	**6,164**	**14,258,201**	**496,225**	**20,138,570**	**47,514,187**
Grand Totals, Metropolitan Montreal	**4,883**	**244,556**	**668,391,832**	**42,927,741**	**1,584,960,418**	**2,918,119,449**

1. Includes: Animal oils and fats, 1; cheese process, 4; distilled liquors, 4; feed mills, 1; fish processing, 1; foods, breakfast, 2; macaroni and kindred products, 3; sugar refining, 2; wines, 1.
2. Includes: Automobile accessories, fabric, 2; cordage, rope and twine, 1; cotton thread, 8; miscellaneous woollen goods, 2; synthetic textiles and silk, 2; woollen yarn, 3.
3. Includes: Fur dressing and dyeing, 5; gloves and mittens, fabric, 1.
4. Includes: Cooperage, 3; excelsior, 1; flooring, hardwood, 2; sawmills, 1; veneers and plywoods, 1; woodenware, 1.
5. Includes: Pulp and paper mills, 3; roofing paper, 4.
6. Includes: Aircraft and parts, 17; bicycles and parts, 3; motor vehicles, 2; shipbuilding, 6.
7. Includes also: Batteries, 2.
8. Includes: Abrasives, artificial, 1; asbestos products, 2; cement, hydraulic, 1; clay products from domestic clay, 1; clay products from imported clay, 3; Gypsum products, 1; lime, 1; sand-lime brick, 1.
9. Includes: Coke and gas products, 2; miscellaneous products of petroleum and coal, 3; petroleum products, 7.
10. Includes: Coal tar distillation, 2; fertilizers, 2; primary plastics, 2; vegetable oils, 2.
11. Includes: Candles, 7; musical instruments, 2; pipes, lighters and smokers' supplies, 4; toys and games, 7; typewriter supplies, 1; umbrellas, 2.

The Following Municipalities are included in Greater Montreal

Municipality	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
Dorval	4	39	89,167	3,784	251,654	406,396
L'Abord-à-Plouffe	6	67	131,369	7,776	138,036	354,579
Lachine	69	8,869	29,772,346	1,193,816	39,699,379	103,944,138
Lasalle	39	4,274	12,847,279	2,928,499	49,182,217	95,853,956
Laval-des-Rapides	5	99	192,489	14,649	220,764	614,793
Longueuil	34	2,998	7,862,699	232,368	12,349,058	25,172,284
Montreal (city proper)	4,283	187,396	496,270,442	18,291,520	1,041,585,029	1,960,826,915
Montreal East	33	5,864	20,204,908	15,036,436	284,745,924	408,256,995
Montreal North	11	59	93,088	5,513	137,294	303,027
Montreal West	7	46	97,587	10,074	119,343	333,929
Mont-Royal	22	2,896	9,346,881	284,231	17,176,141	34,652,934
Outremont	53	2,339	5,682,572	139,428	9,579,032	20,516,740
Pointe-aux-Trembles	10	222	481,629	30,392	1,403,470	2,551,830
Pont-Viau	7	131	264,407	16,129	400,279	738,965
St-Laurent	56	17,110	49,931,594	1,392,644	74,934,851	139,795,692
St-Lambert	18	819	1,985,210	111,573	4,804,169	8,438,836
St-Michel	44	492	1,183,215	62,896	1,654,635	3,557,713
Verdun	75	1,730	3,534,269	96,832	7,078,037	13,686,803
Westmount	33	2,119	6,300,271	369,860	6,823,805	18,788,938
All other[1]	74	6,987	22,120,410	2,699,321	32,677,301	79,323,986
Total Metropolitan Montreal	**4,883**	**244,556**	**668,391,832**	**42,927,741**	**1,584,960,418**	**2,918,119,449**

1. Includes: Baie-d'Urfé; Beaconsfield; Côte-St-Luc; Hampstead; Greenfield Park; Jacques Cartier; Le Moyne; Mackayville; Montreal South; Pointe-Claire; Ste-Anne-de-Bellevue; Ste-Geneviève-de-Pierrefonds; St-Leonard-de-Port-Maurice; St-Pierre; rural: Asile-St-Jean-de-Dieu; Dollard-des-Ormeaux; Ile-aux-Soeurs; La Présentation-de-la-Ste-Vierge; Notre-Dame-de-Liesse; Ste-Anne-du-Bout-de-l'Ile; Ste-Geneviève Parish; St-Joachim-de-la-Pointe-Claire; St-Joseph-de-la-Rivière-des-Prairies; St-Léonard-de-Port-Maurice Parish; St-Raphaël-de-l'Ile-Bizard.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1952 — Continued

TORONTO METROPOLITAN AREA

Industry	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
Foods and Beverages:						
Biscuits	5	1,298	3,095,275	213,702	7,489,843	19,036,143
Bread, and other bakery products	197	5,810	14,645,474	1,295,802	19,765,369	44,045,648
Butter and cheese	6	1,865	5,733,037	449,597	13,789,892	23,392,660
Carbonated beverages	19	1,076	2,807,310	226,210	4,519,940	17,934,048
Cheese, process	5	170	405,658	19,577	3,298,936	4,210,073
Confectionery	38	3,600	7,558,559	483,749	23,660,626	41,362,595
Dairy products, other	5	91	205,677	29,004	700,397	1,372,725
Feed mills	5	15	26,460	6,425	250,286	309,013
Feeds, stock and poultry, prepared	13	614	1,789,176	141,533	16,934,853	21,841,696
Miscellaneous food preparations	69	2,492	6,607,178	583,097	43,858,209	62,872,433
Sausage and sausage casings	16	249	403,090	47,715	3,102,371	4,118,851
Slaughtering and meat packing	20	5,413	17,936,771	1,211,788	180,703,612	228,422,818
Wines	5	138	508,750	14,185	544,472	1,795,856
All other industries[1]	48	3,211	11,061,797	831,598	44,353,726	85,314,033
Totals	**451**	**26,042**	**72,784,212**	**5,553,982**	**362,972,532**	**556,028,592**
Tobacco and Tobacco Products:						
Totals	**4**	**72**	**157,657**	**6,611**	**386,742**	**602,346**
Rubber Products:						
Totals	**15**	**6,042**	**20,277,138**	**1,221,757**	**45,523,904**	**95,001,906**
Leather Products:						
Footwear, leather	31	1,517	3,237,130	34,833	4,278,137	8,662,415
Gloves and mittens, leather	4	43	75,914	2,097	72,626	178,960
Leather tanneries	4	541	1,670,854	145,571	4,027,109	7,032,001
Miscellaneous leather goods	61	1,214	2,612,065	38,422	3,477,320	7,165,102
All other industries[2]	7	123	314,190	12,411	909,334	1,241,340
Totals	**107**	**3,438**	**7,910,153**	**233,334**	**12,764,526**	**24,279,818**
Textile Products (Except Clothing):						
Automobile accessories, fabric	5	38	61,286	1,921	136,374	241,105
Awnings, tents and sails	19	316	591,362	20,732	1,735,179	2,664,796
Dyeing and finishing of textiles	11	250	672,499	71,970	209,836	1,528,497
Embroideries, pleating, hemstitching, etc.	35	343	756,836	16,078	1,065,972	2,307,446
Miscellaneous textile products	50	973	2,221,386	71,098	7,316,634	11,225,171
Miscellaneous woollen goods	16	449	1,392,928	80,126	7,375,591	9,898,384
Narrow fabrics	13	177	356,105	12,940	599,773	1,294,363
Woollen cloth	6	625	1,557,739	7,365	3,497,211	5,323,110
Woollen yarn	6	797	1,834,434	110,328	4,202,552	7,905,271
All other industries[3]	19	1,468	4,009,620	272,979	11,258,110	18,095,864
Totals	**180**	**5,436**	**13,454,195**	**665,537**	**37,397,232**	**60,484,007**
Clothing (Textile and Fur):						
Clothing, children's	38	916	1,677,631	18,921	2,684,539	5,491,663
Clothing contractors, men's	17	209	437,559	8,545	113,970	626,979
Clothing contractors, women's	13	93	154,765	3,927	23,715	232,235
Clothing, men's factory	118	7,505	17,733,728	150,939	31,767,499	58,610,913
Clothing, women's factory	249	6,564	15,568,104	145,181	23,426,524	46,265,183
Corsets	13	956	1,786,963	13,382	2,079,806	5,053,505
Fur dressing and dyeing	4	282	635,844	23,880	240,871	1,213,223
Fur goods	179	1,511	4,477,593	58,878	12,734,087	19,627,930
Hats and caps	60	1,161	2,557,778	39,404	2,891,935	6,864,112
Hosiery	12	777	2,248,853	35,528	2,216,711	5,709,377
Miscellaneous clothing products	21	452	889,646	11,449	1,950,857	3,455,935
Oiled and waterproofed clothing	4	139	306,964	3,497	560,306	927,300
Other knitted goods	37	1,885	4,301,890	95,221	10,641,687	17,500,086
Totals	**765**	**22,450**	**52,777,318**	**608,752**	**91,332,507**	**171,578,441**
Wood Products:						
Boxes and baskets, wood	8	377	960,956	18,209	1,415,021	3,392,329
Flooring, hardwood	3	219	699,289	26,484	1,406,155	2,394,385
Furniture	286	4,368	11,376,273	301,171	21,818,208	40,650,634
Miscellaneous wood products	53	430	1,185,340	30,787	1,301,991	3,202,330
Sash, door and planing mills	67	1,151,	2,938,150	144,418	6,606,640	11,503,656
Wood turning	5	21	39,805	1,692	41,594	94,609
All other industries[4]	12	242	633,104	21,587	774,919	1,574,764
Totals	**434**	**6,808**	**17,832,917**	**544,348**	**33,364,528**	**62,812,707**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1952 — Continued

TORONTO METROPOLITAN AREA — Continued

Industry	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
Paper Products:						
Boxes and bags, paper	50	3,678	11,083,900	285,836	29,166,026	49,357,997
Miscellaneous paper goods[5]	65	3,176	9,093,510	390,147	17,615,590	36,535,032
Pulp and paper mills	7	1,285	6,704,232	1,168,918	9,485,063	17,946,049
Totals	**122**	**8,139**	**26,881,642**	**1,844,901**	**56,266,679**	**103,839,078**
Printing, Publishing and Allied Industries:						
Engraving, stereotyping and electrotyping	45	1,972	7,611,664	107,827	2,504,556	13,128,422
Lithographing	31	1,622	5,283,197	91,881	6,342,322	16,498,543
Printing and bookbinding	386	8,078	23,503,482	420,608	24,502,314	66,720,989
Printing and publishing	46	6,543	24,396,289	502,946	21,788,792	64,259,042
Publishing (only) of periodicals	306	1,058	2,232,081	—	5,712,163	9,804,396
Trade composition	19	386	1,460,997	16,297	126,215	2,180,877
Totals	**833**	**19,659**	**64,487,710**	**1,139,559**	**60,976,362**	**172,592,269**
Iron and Steel Products:						
Boilers and platework	17	3,378	12,309,268	395,847	15,601,282	38,044,121
Bridge building and structural steel	7	2,132	6,993,651	266,593	8,402,216	25,360,478
Castings, iron	13	1,254	3,986,520	126,384	5,487,736	12,780,416
Hardware, tools and cutlery	88	2,837	9,272,403	372,692	10,259,093	27,853,925
Heating and cooking apparatus	23	2,411	7,496,527	283,494	11,184,841	26,683,298
Machine shops	81	875	2,456,276	74,834	1,595,049	5,257,402
Machinery, household, office and store	24	3,017	9,643,224	208,697	14,700,754	37,623,464
Machinery, industrial[6]	74	9,328	32,760,748	622,217	50,741,736	107,595,021
Miscellaneous iron and steel products	71	2,558	7,943,066	477,091	5,179,261	18,293,293
Sheet metal products	71	4,503	13,967,697	625,793	28,548,103	54,937,329
Wire and wire goods	22	355	1,052,385	78,870	2,974,162	4,653,357
Totals	**491**	**32,648**	**107,881,765**	**3,532,512**	**154,674,233**	**359,082,104**
Transportation Equipment:						
Motor vehicle parts	31	3,755	11,774,325	545,589	16,715,897	34,253,181
Railway rolling stock	4	1,363	4,118,458	136,797	4,750,974	10,014,618
All other industries[7]	12	3,279	10,817,882	319,642	14,308,877	30,071,139
Totals	**47**	**8,397**	**26,710,665**	**1,002,028**	**35,775,748**	**74,338,938**
Non-ferrous Metal Products:						
Aluminum products	27	1,680	5,102,644	321,605	4,333,461	13,593,212
Brass and copper products	34	2,637	9,579,943	645,293	33,577,747	53,579,502
Jewellery and silverware	87	2,048	5,390,635	155,335	13,654,485	22,133,122
Miscellaneous non-ferrous metal products	6	150	512,174	22,786	1,427,480	2,574,441
White metal alloys	14	1,221	3,859,230	380,014	18,463,610	27,014,818
Totals	**168**	**7,736**	**24,444,626**	**1,525,033**	**71,456,783**	**118,895,095**
Electrical Apparatus and Supplies:						
Batteries	5	1,425	4,640,339	228,891	19,627,840	30,776,881
Machinery, heavy electrical	23	7,314	25,764,617	428,042	24,659,512	67,781,499
Miscellaneous electrical apparatus and supplies	59	5,401	17,428,833	624,357	32,332,928	70,629,089
Radios, and radio parts	36	4,285	12,773,721	299,943	24,451,188	49,459,192
Refrigerators, vacuum cleaners and appliances	33	3,205	9,803,267	537,394	17,601,212	38,568,438
Totals	**156**	**21,630**	**70,410,777**	**2,118,627**	**118,672,680**	**257,215,099**
Non-Metallic Mineral Products:						
Clay products from domestic clay	10	467	1,665,342	463,626	102,955	3,540,060
Clay products from imported clay	5	73	199,565	14,692	451,814	1,120,865
Concrete products	38	628	1,881,287	181,606	3,630,684	8,929,868
Glass and glass products	38	1,012	2,754,412	436,158	2,776,088	7,071,678
Miscellaneous non-metallic mineral products	11	69	189,137	17,234	484,508	882,699
Sand-lime brick	3	152	459,522	53,649	445,761	1,369,596
Stone products	21	473	1,593,056	187,375	1,451,479	3,993,971
All other industries[8]	3	115	445,374	4,099	104,939	225,021
Totals	**129**	**2,989**	**9,187,695**	**1,358,439**	**9,448,828**	**27,133,758**
Products of Petroleum and Coal[9]:						
Totals	**12**	**3,009**	**11,104,689**	**740,188**	**11,654,707**	**24,457,395**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1952 — Continued

TORONTO METROPOLITAN AREA — Concluded

Industry	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
Chemicals and Allied Products:						
Acids, alkalies and salts	3	292	1,129,890	210,984	1,943,531	4,006,766
Adhesives	11	384	1,232,288	189,856	2,381,740	4,860,617
Gases, compressed	7	381	1,241,620	84,873	555,538	3,092,552
Inks	19	719	2,227,232	74,118	4,180,266	9,421,618
Medicinal and pharmaceutical preparations	61	2,121	5,380,558	139,494	7,609,398	22,336,804
Miscellaneous chemical products	68	749	2,301,104	130,080	10,763,475	18,601,971
Paints, varnishes and lacquers	37	1,993	6,205,439	298,293	22,367,587	47,313,861
Polishes and dressings	20	210	555,355	26,941	1,795,992	3,726,043
Soaps, washing compounds and cleaning preparations	32	2,476	8,823,653	664,396	22,365,095	50,113,000
Toilet preparations	39	822	1,876,737	34,929	3,773,299	11,485,665
All other industries[10]	10	690	2,342,643	655,519	31,499,495	38,993,948
Totals	**307**	**10,837**	**33,316,519**	**2,509,483**	**109,235,416**	**213,952,845**
Miscellaneous Manufacturing Industries:						
Artificial flowers and feathers	11	106	169,216	5,170	116,054	429,900
Brooms, brushes and mops	12	402	959,359	15,733	1,584,176	3,351,133
Buttons, buckles and fasteners	6	201	449,094	8,189	421,919	1,006,832
Clocks, watches and watch cases	11	272	722,501	5,175	2,540,572	5,194,818
Fountain pens and pencils	8	470	1,320,820	24,019	1,534,896	3,666,350
Ice, artificial	13	356	972,574	130,585	38,982	2,076,936
Lamps, electric and lamp shades	23	590	1,197,887	43,189	2,107,185	4,318,955
Models and patterns excluding paper	15	126	473,525	8,673	72,502	601,725
Musical instruments	10	359	893,718	50,128	1,196,378	2,880,437
Other miscellaneous industries	12	340	899,183	20,432	941,271	3,708,700
Plastic products	40	1,712	3,777,384	107,889	6,136,862	12,923,536
Scientific and professional equipment	41	3,092	10,454,537	256,738	9,320,833	28,099,337
Signs, electric, neon and other	45	517	1,467,012	52,709	1,074,428	3,395,591
Sporting goods	15	505	1,440,505	54,511	1,285,591	3,315,915
Stamps and stencils, rubber and metal	15	521	1,329,702	34,031	797,071	2,993,265
Statuary, art goods and novelties	41	371	797,091	23,641	852,150	2,153,281
Toys and games	25	830	1,670,266	36,212	2,767,570	5,793,961
Typewriter supplies	6	339	934,939	22,620	1,650,180	3,479,529
Umbrellas	3	93	161,316	842	359,146	579,719
All other industries[11]	11	217	564,555	16,142	1,495,911	2,532,496
Totals	**363**	**11,419**	**30,655,184**	**916,628**	**36,293,677**	**92,502,416**
Grand Totals, Metropolitan Toronto	**4,584**	**196,751**	**590,274,862**	**25,521,719**	**1,248,197,084**	**2,414,796,814**

1. Includes: Animal oils and fats, 4; breweries, 4; distilled liquors, 3; flour mills, 4; foods, breakfast, 2; fruit and vegetable preparations, 28; macaroni and kindred products, 3.
2. Includes: Belting, leather, 4; boot and shoe findings, leather, 3.
3. Includes: Bags, cotton and jute, 4; carpets, mats and rugs, 5; cordage, rope and twine, 1; cotton thread, 1; cotton yarn and cloth, 2; miscellaneous cotton goods, 3; oilcloth, linoleum and other coated fabrics, 2; synthetic textiles and silk, 1.
4. Includes: Coffins and caskets, 2; cooperage, 2; excelsior, 1; lasts, trees, and shoe findings, 1; sawmills, 3; woodenware, 3.
5. Includes also, roofing paper, 2.
6. Includes: Agricultural implements, 3; machine tools, 2.
7. Includes: Aircraft and parts, 3; bicycles and parts, 2; boat building, 1; carriage, wagon and sleighs, 3; motor vehicles, 2; shipbuilding, 1.
8. Includes: Abrasives, artificial, 1; asbestos products, 2; gypsum products, one head office.
9. Includes: Coke and gas products, 1; miscellaneous products of petroleum and coal, 6; petroleum products, 5.
10. Includes: Coal tar distillation, 2; fertilizers, 3; primary plastics, 2; vegetable oils, 3.
11. Includes: Candles, 1; hair goods, 7; pipes, lighters and smokers' supplies, 3.

The following Municipalities are Included in Greater Toronto

Municipality	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
Leaside	61	10,572	33,652,212	1,430,188	68,224,132	137,842,621
Long Branch	29	1,675	5,149,663	233,226	9,774,252	22,146,326
Mimico	34	629	1,778,627	144,378	2,937,735	6,868,422
New Toronto	50	7,221	25,215,564	1,850,671	88,011,979	158,289,059
Swansea	13	841	2,821,074	296,113	5,826,635	12,317,644
Toronto	3,825	149,020	439,286,411	17,313,945	945,304,350	1,790,369,192
Weston	62	2,830	8,254,295	515,314	17,218,009	33,141,239
All other	3	10	16,450	707	67,855	99,209
Etobicoke Township	96	4,311	12,250,500	623,892	18,104,665	45,169,274
Scarborough Township	115	3,510	9,820,552	699,185	13,054,070	30,055,540
York Township	296	16,132	52,029,514	2,414,100	79,673,402	178,498,288
Total, Metropolitan Toronto	**4,584**	**196,751**	**590,274,862**	**25,521,719**	**1,248,197,084**	**2,414,796,814**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1952 — Continued

HAMILTON METROPOLITAN AREA

Industry	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
Foods and Beverages:						
Biscuits	3	129	254,940	30,834	483,180	1,065,210
Bread and other bakery products	55	1,489	3,659,725	342,708	4,362,662	9,824,974
Carbonated beverages	14	165	427,011	54,495	795,015	2,215,852
Confectionery	9	243	561,945	32,298	1,364,036	3,154,130
Feed mills	6	19	34,272	7,993	490,692	566,623
Feed, stock and poultry, prepared	5	34	54,680	7,739	174,512	257,746
Fruit and vegetable preparations	17	1,064	2,215,587	138,935	6,264,247	10,078,175
Miscellaneous food preparations	10	330	585,441	25,973	2,459,174	4,233,512
Slaughtering and meat packing	5	653	1,936,096	242,900	25,255,518	31,294,163
All other industries[1]	8	413	1,224,433	118,788	2,826,942	5,780,370
Totals	**132**	**4,539**	**10,954,130**	**1,002,663**	**44,475,978**	**68,470,755**
Leather Products[2]:						
Totals	**7**	**279**	**651,980**	**5,998**	**982,324**	**1,958,303**
Textile Products (Except Clothing):						
Awnings, tents and sails	4	65	151,061	3,133	94,553	331,509
Cotton yarn and cloth	6	2,221	4,694,543	304,907	11,265,885	20,032,893
All other industries[3]	13	918	2,288,309	102,764	7,209,525	11,072,583
Totals	**23**	**3,204**	**7,133,913**	**410,804**	**18,569,963**	**31,436,985**
Clothing, Textile and Fur:						
Clothing, men's factory	7	1,005	1,974,633	20,928	3,930,764	7,645,555
Fur goods	6	43	81,966	2,601	160,070	333,096
Hosiery	3	874	2,313,138	93,092	1,768,342	5,297,530
Other knitted goods	6	1,753	3,500,091	138,599	5,771,660	10,791,066
All other industries[4]	5	63	116,547	1,973	134,271	355,773
Totals	**27**	**3,738**	**7,986,375**	**257,193**	**11,765,107**	**24,423,020**
Wood Products:						
Boxes and baskets, wood	4	120	249,546	8,265	347,418	727,939
Furniture	28	285	717,629	29,723	584,381	1,674,942
Miscellaneous wood products	4	15	42,187	12,508	44,190	145,250
Sash, door and planing mills	11	426	1,194,292	64,788	2,324,275	4,003,031
All other industries[5]	6	138	342,230	10,595	649,120	1,235,084
Totals	**53**	**984**	**2,545,884**	**125,879**	**3,949,384**	**7,786,246**
Paper Products:						
Boxes and bags, paper	13	815	2,276,797	89,656	7,868,530	12,866,675
Miscellaneous paper goods[6]	11	896	2,514,236	126,903	6,580,526	12,616,663
Totals	**24**	**1,711**	**4,791,033**	**216,559**	**14,449,056**	**25,483,338**
Printing, Publishing and Allied Industries:						
Engraving, electrotyping and stereotyping	6	132	550,482	7,666	117,016	934,829
Printing and bookbinding	50	582	1,770,346	46,633	2,657,342	5,554,641
Publishing only of periodicals	15	174	84,136	—	207,094	339,892
All other industries[7]	10	648	2,122,953	41,302	2,014,132	6,344,252
Totals	**81**	**1,536**	**4,527,917**	**95,601**	**4,995,584**	**13,173,614**
Iron and Steel Products:						
Castings, iron	7	581	1,902,628	82,619	3,911,383	6,915,212
Hardware, tools and cutlery	24	847	2,626,600	105,369	2,224,663	6,685,476
Heating and cooking apparatus	3	38	107,294	5,518	101,327	218,475
Machine shops	12	130	346,621	12,666	351,349	1,039,138
Machinery, household, office and store	5	491	1,299,500	38,858	2,184,034	4,310,805
Machinery, industrial	11	1,238	4,082,298	174,509	5,387,242	12,398,881
Miscellaneous iron and steel products	13	110	261,785	17,568	393,102	896,411
Primary iron and steel	11	12,167	45,332,040	12,005,508	110,845,099	208,872,265
Sheet metal products	19	1,745	5,111,432	236,909	12,387,087	21,449,733
Wire and wire goods	18	2,752	9,652,969	482,258	10,364,844	34,390,223
All other industries[8]	8	4,970	16,873,022	727,248	19,039,317	42,388,023
Totals	**131**	**25,069**	**87,596,189**	**13,889,030**	**167,189,447**	**339,564,642**
Transportation Equipment[9]:						
Totals	**8**	**2,437**	**9,366,974**	**620,725**	**28,074,854**	**47,621,638**
Non-ferrous Metal Products:						
Aluminum products	4	110	307,065	12,601	338,716	842,852
Brass and copper products	10	445	1,602,173	76,755	4,094,998	7,435,124
Jewellery and silverware	6	316	955,729	24,226	720,038	1,997,076
All other industries[10]	4	256	916,155	94,048	2,157,511	3,527,167
Totals	**24**	**1,127**	**3,781,122**	**207,630**	**7,311,263**	**13,802,219**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1952 — Continued

HAMILTON METROPOLITAN AREA — Concluded

Industry	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
Electrical Apparatus and Supplies[11]:						
Totals	**21**	**10,751**	**35,833,750**	**993,493**	**32,236,376**	**93,654,002**
Non-metallic Mineral Products:						
Concrete products	17	333	956,737	122,786	1,231,598	3,149,391
Clay products from domestic clay	8	234	637,424	258,891	25,858	1,720,837
Miscellaneous non-metallic mineral products	3	36	107,152	90,488	115,158	452,934
Stone products	6	87	300,958	29,662	369,819	922,166
All other industries[12]	17	1,748	5,395,761	933,250	5,203,605	16,474,192
Totals	**51**	**2,438**	**7,398,032**	**1,435,077**	**6,946,038**	**22,719,520**
Products of Petroleum and Coal[13]:						
Totals	**6**	**807**	**3,010,807**	**1,864,121**	**18,852,191**	**31,691,387**
Chemicals and Allied Products:						
Miscellaneous chemicals products	11	196	722,821	47,056	2,648,411	4,762,117
Polishes and dressings	5	46	85,894	4,936	245,395	620,757
All other industries[14]	21	1,034	3,790,461	443,091	18,165,995	39,758,683
Totals	**37**	**1,276**	**4,599,176**	**495,083**	**21,059,801**	**45,141,557**
Miscellaneous Manufacturing Industries:						
Brooms, brushes and mops	7	306	742,411	16,636	1,095,098	2,624,951
Scientific and professional equipment	3	15	34,545	670	14,720	57,399
Signs, electric, neon and other	6	56	144,840	6,813	132,533	467,895
Sporting goods	3	16	25,200	680	30,900	68,418
Toys and games	5	117	178,977	12,911	619,026	977,453
All other industries[15]	17	202	455,863	17,722	461,259	1,177,881
Totals	**41**	**712**	**1,581,836**	**55,432**	**2,353,536**	**5,373,997**
All other Major Groups:						
Totals	**5**	**2,049**	**7,401,783**	**268,842**	**16,351,641**	**38,944,762**
Grand Totals, Metropolitan Hamilton	**671**	**62,657**	**199,160,901**	**21,944,130**	**399,562,543**	**811,245,985**

1. Includes: Sausage and sausage casings, 1; animal oils and fats, 1; butter and cheese, 2; flour mills, 1; breweries, 1; wines, 1; macaroni and kindred products, 1;
2. Includes: Footwear leather, 3; belting leather, 2; miscellaneous leather goods, 2;
3. Includes: Cotton thread, 1; woollen yarn, 1; miscellaneous woollen yarn, 2; dyeing and finishing of textiles, 1; narrow fabrics, 1; carpets, mats and rugs, 1; cordage, rope and twine, 1; bags, cotton and jute, 1; embroideries, pleating, hemstitching, etc., 2; miscellaneous textile products, 2.
4. Includes; Corsets, 1; clothing, women's,factory, 1; hats and caps, 3.
5. Includes: Flooring,hardwood, 1; sawmills, 1; coffins and caskets, 2; wood turning, 1; cooperage, 1.
6. Includes also, roofing paper, 2.
7. Includes: Trade composition, 2; lithographing, 2; printing and publishing, 6.
8. Includes: Agricultural implements, 1; boilers and plate work, 3; bridge building, 1; machine tools, 3.
9. Includes: Boat building, 3; motor vehicles, 1; motor vehicle parts, 1; railway rolling stock, 3.
10. Includes: White metal alloys, 2; miscellaneous non-ferrous metal products, 2.
11. Includes: Batteries, 2; machinery heavy electrical, 3; radios and radio parts, 4; refrigerators, vacuum cleaners and appliances, 4; miscellaneous electrical apparatus and supplies, 8.
12. Includes: Abrasive,artificial, 3; asbestos, 3; clay products from imported, clay, 4; glass and glass products, 7.
13. Includes: Coke and gas products, 4; petroleum products, 1; miscellaneous products of petroleum and coal, 1.
14. Includes: Acids, alkalies and salts, 1; fertilizers, 1; medicinal and pharmaceutical preparations, 2; paints, varnishes and lacquers, 2; soaps, washing compounds and cleaning preparations, 7; toilet preparations, 5; vegetable oils, 1; coal tar distillation, 1; gases, compressed, 1.
15. Includes: Plastic products, 6; buttons, buckles and fasteners, 1; models and patterns excluding paper, 4; stamps and stencils, rubber and metal, 3; ice artificial, 3.

The following Municipalities are Included in Greater Hamilton

Municipality	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
Burlington	24	870	2,389,527	120,917	6,374,762	10,986,447
Dundas	35	1,801	4,934,575	248,525	3,528,037	11,112,853
Hamilton	575	59,257	190,167,980	21,287,922	385,701,709	781,596,810
Waterdown	6	35	60,683	6,509	229,617	314,387
Barton Township	7	35	84,180	9,247	178,789	304,263
All other[1]	24	659	1,523,956	270,910	3,549,629	6,931,225
Totals, Metropolitan Hamilton	**671**	**62,657**	**199,160,901**	**21,944,130**	**399,562,543**	**811,245,985**

1. Includes: Burlington Beach; Stoney Creek; Ancaster Township; Flamborough East Township; Flamborough West Township; Nelson Township; Salt Fleet Township.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1952 — Continued

WINDSOR METROPOLITAN AREA

Industry	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
Foods and Beverages:						
Bread and other bakery products	21	537	1,310,929	129,909	1,688,748	3,771,645
Butter and cheese	4	432	1,342,492	138,959	2,980,832	5,423,752
Carbonated beverages	6	105	273,086	35,225	543,924	1,357,163
Miscellaneous food preparations	4	27	43,103	14,982	138,300	245,452
All other industries[1]	25	1,822	5,302,281	490,177	16,701,944	42,432,001
Totals	**60**	**2,923**	**8,271,891**	**809,252**	**22,053,748**	**53,230,013**
Textile Products (Except Clothing)[2]						
Totals	**8**	**933**	**2,597,652**	**73,132**	**5,233,983**	**9,519,694**
Clothing (Textile and Fur)[3]						
Totals	**7**	**205**	**426,022**	**9,175**	**1,026,533**	**1,812,499**
Wood Products:						
Furniture	20	110	291,050	13,431	774,852	1,255,666
Sash, door and planing mills	11	77	183,739	16,035	215,408	512,659
All other industries[4]	9	142	296,044	9,048	582,509	1,295,283
Totals	**40**	**329**	**770,833**	**38,514**	**1,572,769**	**3,063,608**
Printing, Publishing and Allied Industries:						
Printing and bookbinding	26	249	712,871	19,962	567,988	1,709,379
Publishing (only) of periodicals	8	13	8,751	—	40,776	56,063
All other industries[5]	6	416	1,523,496	31,952	1,175,781	4,155,272
Totals	**40**	**678**	**2,245,118**	**51,914**	**1,784,545**	**5,920,714**
Iron and Steel Products:						
Hardware, tools and cutlery	27	736	2,959,546	78,196	2,132,316	7,787,079
Machine shops	8	95	343,606	11,028	264,121	697,536
Machinery, industrial	9	535	1,839,201	39,406	1,532,250	6,265,739
Miscellaneous iron and steel products	8	755	3,239,146	464,027	7,384,090	14,627,104
All other industries[6]	25	4,072	14,274,171	653,004	18,331,281	47,113,624
Totals	**77**	**6,193**	**22,655,670**	**1,245,661**	**29,644,058**	**76,491,082**
Transportation Equipment:[7]						
Totals	**26**	**23,023**	**85,340,012**	**2,127,958**	**305,195,382**	**464,389,133**
Non-ferrous Metal Products:						
Aluminum products	3	13	25,430	1,820	14,890	65,253
Brass and copper products	5	122	424,707	15,989	918,014	1,620,442
All other industries[8]	5	65	181,245	7,498	475,328	795,690
Totals	**13**	**200**	**631,382**	**25,307**	**1,408,232**	**2,481,385**
Electrical Apparatus and Supplies:[9]						
Totals	**6**	**249**	**652,344**	**29,429**	**2,308,561**	**3,270,685**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1952 — Continued

WINDSOR METROPOLITAN AREA — Concluded

Industry	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
Non-metallic Mineral Products:						
Concrete products	7	207	627,520	123,627	1,193,460	2,232,017
All other industries[10]	8	353	1,243,291	464,725	2,731,840	6,135,153
Totals	**15**	**560**	**1,870,811**	**588,352**	**3,925,300**	**8,367,170**
Chemicals and Allied Products:						
Medicinal and pharmaceutical preparations	10	920	2,959,823	70,503	4,167,663	14,101,010
Miscellaneous chemical products	6	30	86,621	8,122	157,052	594,642
Soaps, washing compounds and cleaning preparations	6	25	63,405	2,896	107,132	206,838
Toilet preparations	5	18	28,840	1,016	32,586	104,529
All other industries[11]	6	496	1,788,613	1,011,820	1,738,420	6,471,933
Totals	**33**	**1,489**	**4,927,302**	**1,094,357**	**6,202,853**	**21,478,952**
Miscellaneous Manufacturing Industries:						
Models and patterns excluding paper	4	39	133,050	1,729	22,858	189,313
Sporting goods	5	33	71,070	2,575	120,307	286,103
All other industries[12]	19	377	923,419	84,010	1,023,449	2,923,139
Totals	**28**	**449**	**1,127,539**	**88,314**	**1,166,614**	**3,398,555**
All other Major Groups:[13]						
Totals	**4**	**183**	**554,690**	**14,049**	**1,936,645**	**3,349,904**
Grand Totals, Metropolitan Windsor	**357**	**37,414**	**132,071,266**	**6,195,414**	**383,459,223**	**656,773,394**

1. Includes: Breweries, 3; confectionery, 2; dairy products, other, 1; distilled liquors, 1; feed mills, 1; feeds, stock and poultry, prepared, 4; foods, breakfast, 1; fruit and vegetable preparations, 7; sausage and sausage casings, 2; slaughtering and meatpacking, 3.
2. Includes: Automobile accessories, fabric, 2; awnings, tents and sails, 2; bags, cotton and jute, 1; miscellaneous cotton goods, 1; miscellaneous textile products, 2.
3. Includes: Clothing children's, factory, 1; clothing men's, factory, 2; fur goods, 3; gloves and mittens, fabric, 1.
4. Includes: Boxes and baskets, wood, 2; coffins and caskets, 1; miscellaneous wood products, 3; sawmills, 1; wood turning, 2.
5. Includes: Engraving, stereotyping and electrotyping, 1; lithographing, 1; printing and publishing, 2; trade composition, 2.
6. Includes: Agricultural implements, 1; bridge building and structural steel, 2; castings, iron, 7; heating and cooking apparatus, 2; machine tools, 1; machinery, household, office and store, 2; primary iron and steel, 1; sheet metal products, 6; wire and wire goods, 3.
7. Includes: Motor vehicles, 3; motor vehicle parts, 23.
8. Includes: Jewellery and silverware, 3; white metal alloys, 2.
9. Includes: Batteries, 1; machinery, heavy electrical, 1; miscellaneous electrical apparatus and supplies, 1; radios and radio parts, 3.
10. Includes: Glass and glass products, 4; miscellaneous non-metallic mineral products, 1; salt, 1; stone products, 2.
11. Includes: Acids, alkalies and salts, 1; gases, compressed, 1; paints, varnishes and lacquers, 4.
12. Includes: Brooms, brushes and mops, 1; buttons, buckles and fasteners, 1; ice, artificial, 3; musical instruments, 1; pipes, lighters and smokers' supplies, 1; plastic products, 5; signs, electric, neon and other, 1; scientific and professional equipment, 2; stamps and stencils, rubber and metal, 1; statuary, art goods and novelties, 2; toys and games, 1.
13. Includes: Rubber products, 2; Paper Products—boxes and bags, paper, 1; miscellaneous paper goods, 1.

The Following Municipalities are Included in Greater Windsor

Municipality	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
Riverside	5	106	255,894	24,949	697,150	1,087,239
Windsor	330	36,628	130,027,457	6,027,143	377,637,512	646,949,316
Sandwich East Township	5	32	50,476	4,120	129,908	253,527
Sandwich South Township	5	30	47,570	8,856	164,968	265,211
All other[1]	12	618	1,689,869	130,346	4,829,685	8,218,101
Totals, Metropolitan Windsor	**357**	**37,414**	**132,071,266**	**6,195,414**	**383,459,223**	**656,773,394**

1. Includes: Lasalle; Ajibway; St. Clair Beach; Tecumseh; Sandwich West Township.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1952 — Continued

WINNIPEG METROPOLITAN AREA

Industry	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
Foods and Beverages:						
Bread and other bakery products	59	1,245	2,905,390	294,208	4,798,008	10,306,976
Breweries	6	549	1,901,927	151,512	2,109,038	10,009,017
Butter and cheese	10	1,020	2,717,241	210,417	8,287,148	13,290,872
Carbonated beverages	10	257	671,849	83,198	1,576,869	4,721,969
Confectionery	11	305	622,639	23,022	1,460,879	2,747,476
Feed mills	5	47	122,436	6,022	362,740	432,661
Feeds, stock and poultry, prepared	17	193	459,890	67,356	5,353,159	6,540,238
Flour mills	4	523	1,287,771	153,741	25,249,807	27,633,239
Fruit and vegetable preparations	10	204	442,677	33,569	1,557,521	2,636,549
Miscellaneous food preparations	24	739	1,746,298	310,315	16,404,224	21,076,729
Sausage and sausage casings	7	106	297,234	22,767	1,583,327	1,920,529
Slaughtering and meat packing	13	2,785	8,878,754	435,148	85,267,552	106,585,907
All other industries[1]	11	650	1,654,630	241,000	5,273,242	12,178,338
Totals	**187**	**8,623**	**23,708,736**	**2,032,275**	**159,281,514**	**220,080,500**
Leather Products:						
Footwear, leather	6	267	473,129	8,748	1,323,299	2,054,792
Gloves and mittens, leather	11	236	436,220	5,808	832,316	1,589,075
Miscellaneous leather goods[2]	10	214	418,530	19,531	965,903	1,753,773
Totals	**27**	**717**	**1,327,879**	**34,087**	**3,121,518**	**5,397,640**
Textile Products (Except Clothing):						
Awnings, tents and sails	5	43	80,699	4,501	256,829	384,805
Bags, cotton and jute	4	204	471,939	19,099	5,934,582	6,500,065
Miscellaneous textile products	8	92	190,322	3,902	660,903	1,038,580
All other industries	6	408	766,691	28,028	661,242	2,635,883
Totals	**23**	**747**	**1,509,651**	**55,530**	**7,513,556**	**10,559,333**
Clothing (Textile and Fur):						
Clothing, children's, factory	6	266	479,833	6,968	928,471	1,960,236
Clothing, men's, factory	41	2,640	4,771,067	60,136	11,934,445	20,203,881
Clothing, women's, factory	27	1,613	3,508,930	33,268	7,158,410	12,810,598
Fur dressing and dyeing	5	219	620,455	13,825	149,161	925,467
Fur goods	56	702	1,709,409	18,426	4,040,816	6,237,610
Hats and caps	12	367	652,288	8,121	1,200,283	2,290,781
Other knitted goods	6	214	400,113	8,485	868,782	1,504,988
All other industries[3]	3	34	59,177	624	26,733	103,947
Totals	**156**	**6,055**	**12,201,272**	**149,853**	**26,307,101**	**46,037,508**
Wood Products:						
Boxes and baskets, wood	4	147	323,959	20,197	424,768	852,075
Furniture	88	1,477	3,752,729	107,800	7,590,508	13,819,995
Sash, door and planing mills	20	546	1,384,114	44,908	2,754,266	4,747,642
All other industries[4]	15	222	531,965	45,520	2,604,641	3,818,467
Totals	**127**	**2,392**	**5,992,767**	**218,425**	**13,374,183**	**23,238,179**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1952 — Continued

WINNIPEG METROPOLITAN AREA — Continued

Industry	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
Paper Products:						
Boxes and bags, paper	8	564	1,627,728	50,444	5,144,429	8,748,550
Miscellaneous paper goods	6	162	322,217	11,438	927,737	2,041,371
All other industries[5]	6	206	563,528	130,259	1,841,927	4,462,771
Totals	**20**	**932**	**2,513,473**	**192,141**	**7,914,093**	**15,252,692**
Printing, Publishing and Allied Industries:						
Engraving, stereotyping, electrotyping, and lithographing	7	429	1,229,180	20,454	534,449	2,210,549
Printing and bookbinding	70	1,264	3,055,139	57,386	2,959,944	8,386,609
Printing and publishing	27	1,690	4,393,765	109,796	4,097,607	12,727,095
Publishing (only) of periodicals	93	146	238,798	—	676,571	1,176,188
Trade composition	3	11	24,460	670	11,020	41,829
Totals	**200**	**3,540**	**8,941,342**	**188,306**	**8,279,591**	**24,542,270**
Iron and Steel Products:						
Agricultural implements	12	293	869,783	39,882	1,754,881	3,322,304
Hardware, tools and cutlery	3	10	14,880	370	12,050	49,004
Heating and cooking apparatus	4	144	394,367	15,494	588,396	1,503,831
Machine shops	26	213	542,218	23,590	223,797	1,164,953
Machinery, industrial	10	347	1,065,600	32,557	939,061	2,756,097
Miscellaneous iron and steel products	6	568	1,848,122	77,185	1,976,631	4,882,034
Sheet metal products	19	894	2,445,399	78,369	3,786,917	7,810,749
All other industries[6]	14	1,477	4,435,452	182,009	5,885,056	16,753,072
Totals	**94**	**3,946**	**11,615,821**	**449,456**	**15,166,789**	**38,242,044**
Transportation Equipment:						
Boat building	3	9	17,416	894	26,343	56,249
Motor vehicle parts	7	123	305,275	14,473	396,710	823,788
Railway rolling stock	4	6,225	18,229,133	508,803	19,779,467	39,204,793
All other industries	4	1,367	3,554,868	135,964	5,165,001	9,935,047
Totals	**18**	**7,724**	**22,106,692**	**660,134**	**25,367,521**	**50,019,877**
Non-ferrous Metal Products:						
Brass and copper products	5	158	469,762	44,060	1,732,501	2,898,033
Jewellery and silverware	3	44	92,345	1,636	138,504	297,716
Miscellaneous non-ferrous metal products[7]	4	6	5,890	491	8,538	19,894
White metal alloys	3	82	198,236	22,573	1,395,784	1,771,860
Totals	**15**	**290**	**766,233**	**68,760**	**3,275,327**	**4,987,503**
Electrical Apparatus and Supplies:						
Miscellaneous electrical apparatus and supplies	8	130	364,566	17,294	1,004,992	1,684,054
All other industries[8]	9	521	1,132,929	50,002	3,215,193	6,512,943
Totals	**17**	**651**	**1,497,495**	**67,296**	**4,220,185**	**8,196,997**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1952 — Continued

WINNIPEG METROPOLITAN AREA — Concluded

Industry	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
Non-metallic Mineral Products and Products of Petroleum and Coal:						
Glass and glass products	4	30	85,424	3,036	69,053	220,218
Stone products	6	62	160,355	6,963	80,225	465,286
All other industries[9]	15	832	2,414,145	1,438,649	7,641,730	17,184,967
Totals	**25**	**924**	**2,659,924**	**1,448,648**	**7,791,008**	**17,870,471**
Chemicals and Allied Products:						
Gases, compressed	3	76	232,346	19,785	160,594	986,536
Medicinal and pharmaceutical preparations	9	154	334,441	10,897	614,057	1,699,363
Miscellaneous chemical products	8	77	185,240	4,696	784,692	1,279,551
Paints, varnishes and lacquers	5	249	574,252	32,190	2,679,081	4,786,945
Soaps, washing compounds and cleaning preparations	6	28	53,728	8,423	156,248	304,088
Toilet preparations	3	17	33,486	641	87,645	155,819
All other industries[10]	7	68	149,030	24,232	966,296	1,397,375
Totals	**41**	**669**	**1,562,523**	**100,864**	**5,448,613**	**10,609,677**
Miscellaneous Manufacturing Industries:						
Brooms, brushes and mops	5	91	196,930	5,303	405,221	680,228
Scientific and professional equipment	8	42	81,798	3,338	63,002	158,435
Signs, electric, neon and other	6	146	376,442	43,184	167,304	1,193,130
Stamps and stencils, rubber and metal	5	17	47,883	444	14,937	75,482
Statuary, art goods and novelties	10	137	207,120	5,570	135,061	447,276
All other industries[11]	12	116	298,903	20,428	319,576	984,063
Totals	**46**	**549**	**1,209,076**	**78,267**	**1,105,101**	**3,538,614**
Grand Totals, Metropolitan Winnipeg	**996**	**37,759**	**97,612,884**	**5,744,042**	**288,166,100**	**478,573,305**

1. Includes: Animal oils and fats, 2; biscuits, 2; cheese, process, 1; foods, breakfast, 2; macaroni and kindred products, 2; sugar refining, 1; and also rubber products group, 1.
2. Includes also leather tanneries, 1.
3. Includes: Clothing contractors, women, 1; miscellaneous clothing products, 2.
4. Includes: Coffins and caskets, 2; cooperage, 1; excelsior, 1; miscellaneous wood products, 10; woodenware, 1.
5. Includes: Pulp and paper, 2; roofing paper, 4.
6. Includes: Boilers and platework, 1; bridge building and structural steel, 2; castings, iron, 6; machinery, household, office and store, 2; primary iron and steel, 1; wire and wire goods, 2.
7. Includes: Aluminum products, 1.
8. Includes: Batteries, 2; machinery, heavy electrical, 2; refrigerators, vacuum cleaners and appliances, 5.
9. Includes: Cement hydraulic, 1; clay products from domestic clay, 1; concrete products, 4; gypsum products, 2; lime, 2; miscellaneous non-metallic mineral products, 2 and coke and gas products, 1; miscellaneous products of petroleum and coal, 1; petroleum products, 1.
10. Includes: Adhesives, 1; coal tar distillation, 2; inks, 2; vegetable oils, 2.
11. Includes: Artificial flowers and feathers, 1; clocks, watches and watch cases, 2; ice, artificial, 1; lamps, electric and lamp shades, 2; models and patterns excluding paper, 1; plastic products, 3; sporting goods, 1; toys and games, 1.

The following Municipalities are Included in Greater Winnipeg

Municipality	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
St. Boniface	93	4,269	12,610,430	1,002,948	101,397,296	129,841,407
Transcona	6	2,669	7,653,405	325,617	14,568,917	24,372,547
Winnipeg	843	28,162	70,744,396	3,157,945	160,844,930	296,263,701
Kildonan East Municipality	3	11	16,361	1,745	18,653	47,799
Old Kildonan Municipality	22	1,661	4,191,370	199,481	7,064,627	14,320,236
All other[1]	29	987	2,396,922	1,056,306	4,271,677	13,727,615
Totals Metropolitan Winnipeg	**996**	**37,759**	**97,612,884**	**5,744,042**	**288,166,100**	**478,573,305**

1. Includes: Tuxedo; St. Vital Municipality; Fort Garry Municipality; Kildonan North Municipality; Kildonan West Municipality; St-James Municipality; Charleswood Municipality; Assiniboia Municipality.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1952 — Continued

VANCOUVER METROPOLITAN AREA

Industry	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
Foods and Beverages:						
Biscuits	4	84	177,908	20,272	326,220	748,193
Bread and other bakery products	125	1,577	4,396,987	377,685	6,704,840	15,072,039
Breweries	3	453	1,594,292	116,926	2,306,324	9,682,172
Butter and cheese	10	1,250	3,674,270	388,289	9,789,022	15,261,197
Carbonated beverages	9	218	535,373	96,698	1,024,080	3,491,576
Confectionery	21	221	458,585	25,962	809,121	1,722,313
Dairy products, other	5	102	235,150	61,221	1,107,519	1,843,087
Feeds, stock and poultry, prepared	10	445	1,245,968	147,281	7,681,971	10,058,679
Fish processing	40	1,698	4,763,782	307,225	15,916,875	26,207,806
Foods, breakfast	3	13	21,710	1,538	60,929	110,509
Fruit and vegetable preparations	22	960	2,063,775	113,591	9,027,277	14,411,027
Miscellaneous food preparations	42	788	1,767,235	121,545	29,178,621	35,341,212
Slaughtering and meat packing	9	1,390	4,634,230	298,181	45,147,520	54,182,549
All other industries[1]	17	1,327	4,035,697	519,368	20,259,917	30,863,035
Totals	**320**	**10,526**	**29,604,962**	**2,595,782**	**149,340,236**	**218,995,394**
Leather Products:						
Footwear, leather	9	247	543,193	13,046	1,146,421	1,896,227
Miscellaneous leather goods	5	125	234,074	7,634	398,797	885,691
All other industries[2]	6	103	238,545	10,984	471,030	891,022
Totals	**20**	**475**	**1,015,812**	**31,664**	**2,016,248**	**3,672,940**
Textile Products (Except Clothing):						
Miscellaneous textile products	4	32	62,570	6,864	298,204	423,151
All other industries[3]	22	537	1,270,887	77,572	4,174,213	6,249,627
Totals	**26**	**569**	**1,333,457**	**84,436**	**4,472,417**	**6,672,778**
Clothing (Textile and Fur):						
Clothing, men's, factory	16	496	985,415	23,212	1,796,444	3,370,834
Clothing, women's, factory	21	575	1,255,764	15,237	2,142,820	3,880,006
Fur goods	20	104	207,724	7,419	246,413	567,291
All other industries[4]	6	253	489,448	9,741	612,700	1,509,132
Totals	**63**	**1,428**	**2,938,351**	**55,609**	**4,798,377**	**9,327,263**
Wood Products:						
Boxes and baskets, wood	14	77	155,771	7,238	246,026	518,597
Coffins and caskets	6	71	154,893	7,824	523,720	892,785
Furniture	128	1,624	4,231,225	117,372	6,485,265	13,464,253
Miscellaneous wood products	33	533	1,799,437	122,105	6,148,843	10,191,831
Sash, door and planing mills	63	971	2,832,853	128,701	5,694,494	9,968,179
Sawmills	114	10,082	33,243,345	1,116,949	67,333,556	126,797,301
Veneers and plywoods	8	2,939	8,603,684	260,894	16,574,193	34,112,938
Woodenware	4	92	189,709	6,092	223,886	489,767
All other industries[5]	7	112	372,638	13,656	790,190	1,365,230
Totals	**377**	**16,501**	**51,583,555**	**1,780,831**	**104,020,173**	**197,800,881**
Paper Products:						
Boxes and bags, paper	11	642	1,881,940	68,032	7,471,714	12,034,225
Miscellaneous paper goods	13	587	1,636,844	52,782	7,421,206	11,595,038
All other industries[6]	5	763	3,501,181	675,127	6,062,621	10,975,824
Totals	**29**	**1,992**	**7,019,965**	**795,941**	**20,955,541**	**34,605,087**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1952 — Continued

VANCOUVER METROPOLITAN — Continued

Industry	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
Printing, Publishing and Allied Industries:						
Engraving, stereotyping and electrotyping	7	116	516,078	11,382	106,806	769,783
Lithographing	9	241	851,819	19,589	713,865	1,965,972
Printing and bookbinding	98	1,026	2,891,145	72,668	2,083,967	6,293,627
Printing and publishing	21	1,685	6,005,246	96,930	4,119,788	14,516,338
Publishing (only) of periodicals	114	255	474,220	—	1,433,459	2,569,680
Trade composition	3	31	89,606	2,034	9,618	117,830
Totals	**252**	**3,354**	**10,828,114**	**202,603**	**8,467,503**	**26,233,230**
Iron and Steel Products:						
Boilers and platework	9	359	1,399,058	59,035	2,551,844	4,703,549
Castings, iron	11	379	1,247,045	86,513	664,785	2,758,765
Hardware, tools and cutlery	12	370	1,147,956	64,063	1,642,823	4,117,745
Heating and cooking apparatus	12	221	630,038	17,698	492,009	1,735,248
Machine shops	43	452	1,577,250	48,258	1,014,410	3,237,185
Machinery, industrial	38	1,825	6,249,464	194,590	4,966,831	16,990,023
Miscellaneous iron and steel products	27	247	874,383	78,265	1,291,757	3,328,510
Primary iron and steel	6	482	1,671,745	304,243	1,671,784	5,164,348
Sheet metal products	26	823	2,764,043	128,031	8,394,664	13,307,068
Wire and wire goods	10	334	1,030,613	40,546	3,581,819	5,687,966
All other industries	8	1,370	5,334,129	172,044	11,545,817	19,515,639
Totals	**202**	**6,862**	**23,925,724**	**1,193,286**	**37,818,543**	**80,546,046**
Transportation Equipment:						
Boat building	32	213	578,042	11,396	485,599	1,290,444
Motor vehicle parts	14	248	817,166	31,055	1,130,699	2,472,289
Shipbuilding	18	2,256	7,833,855	201,382	3,714,489	17,132,284
All other industries	5	320	997,387	57,316	1,070,117	2,315,073
Totals	**69**	**3,037**	**10,226,450**	**301,149**	**6,400,904**	**23,210,090**
Non-ferrous Metal Products:						
Aluminum products	6	82	245,746	11,934	324,315	829,084
Brass and copper products	15	194	656,238	28,100	618,243	1,592,158
Jewellery and silverware	10	115	287,771	2,612	215,148	660,909
White metal alloys	4	68	205,196	17,862	999,631	1,374,967
Totals	**35**	**459**	**1,394,951**	**60,508**	**2,157,337**	**4,457,118**
Electrical Apparatus and Supplies:						
Miscellaneous electrical apparatus and supplies	9	167	404,447	18,133	1,470,678	2,241,151
Radios and radio parts	12	186	502,866	13,681	493,540	1,276,204
Refrigerators, vacuum cleaners and appliances	3	34	49,163	1,484	77,801	160,864
All other industries	7	263	907,416	21,895	1,581,383	3,521,308
Totals	**31**	**650**	**1,863,892**	**55,193**	**3,623,402**	**7,199,527**
Non-metallic Mineral Products:						
Concrete products	14	308	930,456	103,698	1,856,679	3,510,643
Glass and glass products	8	90	207,372	6,597	161,214	395,831
Miscellaneous non-metallic mineral products	4	36	98,114	7,211	113,268	288,451
Stone products	6	73	202,138	17,724	253,612	640,775
All other industries	5	128	381,669	68,593	801,101	2,226,309
Totals	**37**	**635**	**1,819,749**	**203,823**	**3,185,874**	**7,062,009**
Products of Petroleum and Coal[7]:						
Totals	**6**	**685**	**2,546,070**	**795,716**	**16,792,554**	**28,344,966**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1952 — Concluded

VANCOUVER METROPOLITAN AREA — Concluded

Industry	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
Chemicals and Allied Industries:						
Fertilizers	4	51	154,205	7,026	819,982	1,116,340
Gases, compressed	3	108	309,826	31,490	239,136	1,417,791
Medicinal and pharmaceutical preparations	6	29	78,726	2,863	118,329	270,735
Miscellaneous chemical products	13	78	178,721	7,312	818,660	1,096,514
Paints, varnishes and lacquers	9	221	656,025	30,850	1,976,451	3,824,071
Polishes and dressings	3	7	11,400	1,493	8,257	27,300
Soaps, washing compounds and cleaning preparations	14	81	170,241	5,764	289,043	811,445
Toilet preparations	4	7	6,345	1,470	8,420	33,619
All other industries[8]	11	148	440,331	77,293	6,264,068	7,746,458
Totals	**67**	**730**	**2,005,820**	**165,561**	**10,542,346**	**16,344,273**
Miscellaneous Manufacturing Industries:						
Ice, artificial	6	118	341,210	65,789	12,713	724,130
Models and patterns, excluding paper	4	28	113,344	1,222	21,634	165,869
Plastic products	6	59	97,742	2,627	155,212	328,045
Scientific and professional equipment	7	20	46,773	1,777	15,428	84,616
Signs, electric, neon and other	11	403	1,214,171	32,455	970,169	4,081,941
Sporting goods	8	63	127,798	5,511	147,457	367,944
Stamps and stencils, rubber and metal	7	59	159,996	5,305	73,349	278,728
Statuary, art goods and novelties	10	49	73,047	2,503	30,546	136,402
All other industries[9]	17	249	516,811	18,305	642,583	1,387,420
Totals	**76**	**1,048**	**2,690,892**	**135,494**	**2,069,091**	**7,555,095**
All other Major Groups[10]:						
Totals	**4**	**35**	**94,830**	**9,564**	**29,930**	**205,995**
Grand Totals, Metropolitan Vancouver	**1,614**	**48,986**	**150,892,594**	**8,467,160**	**376,690,476**	**672,232,692**

1. Includes: Animal oils and fats, 2; distilled liquors, 2; flour mills, 1; macaroni and kindred products, 3; sausage and sausage casings, 7; sugar refining, 1; wines, 1.
2. Includes: Gloves and mittens, leather, 4; leather tanneries, 2.
3. Includes: Automobile accessories, fabric, 1; awnings, tents and sails, 6; bags, cotton and jute, 2; cordage, rope and twine, 1; cotton yarn and cloth, 1; embroideries, pleating, hemstitching, etc., 2; miscellaneous cotton goods, 1; miscellaneous woollen goods, 2; oilcloth, linoleum and other coated fabrics, 3; woollen cloth, 3.
4. Includes: Gloves and mittens, fabric, 1; hats and caps, 1; hosiery, 1; miscellaneous clothing, 1; other knitted goods, 2.
5. Includes: Beekeepers' and poultrymen's supplies, 1; cooperage, 2; flooring, hardwood, 1; wood turning, 3.
6. Includes: Pulp and paper, 3; roofing paper, 2.
7. Includes: Coke and gas products, 1; miscellaneous products of petroleum and coal, 1; petroleum products, 4.
8. Includes: Acids, alkalies and salts, 1; adhesives, 4; coal tar distillation, 1; inks, 2; primary plastics, 2; vegetable oils, 1.
9. Includes: Brooms, brushes and mops, 4; fountain pens and pencils, 1; hair goods, 2; lamps, electric and lamp shades, 5; musical instruments, 1; toys and games, 1; umbrellas, 3.
10. Includes: Tobacco and tobacco products, 1; rubber products, 3.

The Following Municipalities are Included in Greater Vancouver

Municipality	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of materials	Selling value of factory shipments
	No.	No.	$	$	$	$
New Westminster	118	6,429	19,182,949	1,208,088	59,926,452	106,730,574
North Vancouver	56	2,430	8,227,887	317,986	10,725,560	25,924,333
Port Coquitlam	5	27	75,717	10,674	36,835	179,301
Port Moody	5	454	1,626,307	13,110	3,424,734	5,885,881
Vancouver	1,275	33,296	102,163,999	5,292,224	248,964,894	437,663,057
Burnaby District Municipality	45	1,929	6,613,375	677,344	21,788,113	36,904,437
Coquitlam District Municipality	3	5	3,650	470	9,360	17,258
North Vancouver District Municipality	16	324	1,043,313	42,507	1,437,844	3,392,840
Richmond District Municipality	46	2,141	6,349,787	807,591	21,199,367	34,326,514
All other[1]	45	1,951	5,605,610	97,166	9,177,317	21,208,497
Totals, Metropolitan Vancouver	**1,614**	**48,986**	**150,892,594**	**8,467,160**	**376,690,476**	**672,232,692**

1. Includes: Fraser Mills Municipality; Surrey District Municipality; University Endowment Area; West Vancouver District Municipality; Indian Reservation.

APPENDIX II

Alphabetical List of the Products Reported as having been Manufactured in Canada in 1952

The appended list of the products of Canadian manufacturing industries presents the value and in most cases the quantity of the individual products in a much mo.e detailed form. Prior to 1927, in presenting statistics of manufacturing production, the whole production of an establishment was taken as a unit. This not only prevented the presentation of production figures for specific products in detail, but also involved numerous inaccuracies in the production statistics of classes of commodities, owing to the fact that commodities which may be the major line of production in one establishment may also be products of secondary importance in another establishment where the major line of production puts the establishment into a different class. The statistics which follow, however, have been compiled by taking from the individual returns of each of the 37,929 manufacturing establishments covered, the value and, when given, the quantity of each commodity specified as produced by the establishment. In this way, detailed production figures are obtained for specific commodities and, furthermore, the total production of each commodity is brought together, no matter how varied may be the operations in different establishments producing it. Nevertheless it should be pointed out to those making use of these figures that there is one element of incompleteness about them. In the returns of many manufacturers, products of minor importance are grouped under the name "all other products". As will be seen from the group at the end of the list, the value of products not specified, while they may appear unimportant to the individual manufacturer, are, in the aggregate, a large amount, especially in the industries of two of the larger groups. It is obvious that one manufacturer may consider a product of insufficient importance to report separately for his establishment, while that same product may be reported separately by other establishments. In other words, included in the value of other products not specified at the end of the list, there are doubtless values which, had the products been specified by manufacturer, would have been included in the values of commodities appearing on the list. However, the products not specified total only about 2.0 per cent in value of the whole manufacturing production, although in the iron and steel group this proportion is 6.2 per cent and in transportation equipment 5.8 per cent, With the exception of these groups, therefore, the incompleteness of the figures on this account is insignificant.

There is no duplication in the listing of products, nor do any of the items, include products listed in more detail under another name. It is possible, however, that essentially the same commodity produced in different establishments may have been called by different names; in such a case, which is probably a very rare one, the items would appear separately in the following list.

Alphabetical List of Commodities, 1952

Note: In 1952 the basis of collection, was "Value of Factory Shipments" instead of "Gross Value of Products". However, the commodities marked • are still on a production basis.

Items	Unit of measure	Quantity	Value of factory shipment
			$
Abrasive cloth	—	—	1
Abrasive paper	—	—	1
Abrasive wheels and segments	—	—	5,501,377
Absorbent cotton	—	—	1
Accelerators, synthetic	—	—	1
Acetaldehyde	—	—	1
Acetic anhydride	—	—	1
Acetone	—	—	1
Acetylene in cylinders or pipe line	cu. ft.	273,803,571	5,818,888
Acid, acetic, glacial, 99½%	—	—	1
Acid, cresylic	—	—	1
Acid, fatty, cocoanut, tallow, etc.	lb.	7,464,061	764,283
Acid, hydrochloric (muriatic)	—	—	1
Acid, hydrofluosilicic	—	—	1
Acid, monochloro acetic	—	—	1
Acid, nitric	—	—	1
Acid, phosphoric	—	—	1
Acid, stearic	—	—	1
Acid, sulphuric:			
Quantity made*	lb.	1,632,540,937	—
Quantity shipped	"	1,422,416,209	7,864,023
Acids, not specified	—	—	140,273
Adhesives, n.e.s.*	—	—	1,856,744
Advertising matter, printed, n.e.s.	—	—	38,283,260
Advertising novelties and displays (See "Displays" and Novelties")			
Agitators, mining and metallurgical	—	—	41,305
Agricultural implements and parts, n.e.s.	—	—	18,119,485
Air conditioning equipment n.e.s.	—	—	1,624,830
Aircraft and parts:			
Aircraft completed during the year*	—	—	104,188,368
Aircraft being built but not completed*	—	—	64,656,323
Aircraft repairs (value of work done)*	—	—	22,321,416
Aircraft parts manufactured*	—	—	32,116,714
Value of work done on developing aircraft and engines, including other products n.e.s.	—	—	30,821,147
Value of work done in 1951 on aircraft completed in 1952*	—	—	32,523,554
Albumen, (included in "Egg substitute")			
Alcohol, butyl	—	—	1
Alcohol, industrial, (produced)*	pf. gal.	6,508,672	2,630,717
Alcohol, industrial, (sold):			
Denatured:			
Antifreeze	st. gal.	768,906	1,060,770
Perfume manufacturing	"	208,065	262,607
Rubbing alcohol	"	128,011	145,569
Solvents and cleaning fluids	"	1,536,453	1,632,849
Other, including that for hospital research, etc.	"	472,040	463,820
Not Denatured	pf. gal.	3,289,691	1,841,904
Alcohol, polyvinyl	—	—	1
Alkylate	—	—	1
Alkylation feed stocks	—	—	1
Alloys, cutting	—	—	1
Alloy, die casting	lb.	9,622,605	1,978,276
Almond paste	"	131,567	40,242
Alumina, fused (crude)	ton	152,086	16,643,519
Alumina, fused (abrasive grains)	—	—	1
Alumina, hydrate	—	—	1
Aluminum bars, rods and ingots	—	—	1
Aluminum fluoride	—	—	1
Aluminum sulphate	—	—	1
Aluminum products, not elsewhere specified	—	—	13,740,266
Ammonia, anhydrous	—	—	1
Ammonia, aqua	—	—	1
Ammonia, powder	lb.	1,915,270	169,561
Ammonium chloride	"	4,366,835	354,689
Ammonium hydroxide	—	—	1
Ammonium nitrate (regular)	—	—	1
Ammonium nitrate (fertilizer grade)		2	2
Ammonium phosphate		2	2
Ammonium sulphate, other than milled, screened and bagged		2	2
Ammonium sulphate, milled, screened and bagged	—	—	37,830
Ammunition (See "Munitions and war supplies")			
Antibiotics, including penicillin and streptomycin, etc.	—	—	4,371,364
Anti-freeze preparations, glycol type	gal.	5,549,378	15,579,794
Anti-freeze, alcohol type (See "Alcohol, industrial, denatured, sold")			
Apple butter*	lb.	48,950	8,654
Apple juice (included in "Fruit Juices")			
Apple juice concentrate	—	—	1
Apple pomace, chop and waste*	lb.	2,100,627	49,896
Apples, evaporated and dehydrated*	"	1,251,624	290,625
Aprons, oiled and rubberized	doz.	4,054	71,335
Aprons, fabric:			
Children's	"	7,877	25,643
Men's and youths'	"	16,831	176,017
Women's and misses'	"	120,471	733,241
Not specified	"	15,592	94,968
Aprons, plastic	"	180,824	606,831
Archery tackle	—	—	1
Armlets and sleeve supporters	doz.	21,680	40,291
Artists' supplies	—	—	335,734

1. Indicated the commodity was reported by only one or two concerns.
2. Included in "Fertilizers, other than mixed".

Alphabetical List of Commodities, 1952 — Continued

Items	Unit of measure	Quantity	Value of factory shipments
			$
Artware, pottery (See also "Pottery"	—	—	252,760
Art needlework	—	—	176,711
Art work (printing)	—	—	3,534,951
Asbestos products, including clutch facings	—	—	5,677,651
Asphalt*	Imp. gal.	189,056,604	23,399,749
Asphalt emulsion*	ton	10,773,562	2,189,077
Asphalt products, n.e.s.*	—	—	1,431,819
Atomizers	—	—	1
Automobiles, commercial:			
5,000 lbs. or less.:			
For sale in Canada	No.	59,330	79,396,214
For export	"	13,153	11,767,106
5,001 to 10,000 lbs.:			
For sale in Canada	"	21,274	35,220,671
For export	"	3,657	3,946,181
10,001 to 14,000 lbs.:			
For sale in Canada	"	4,578	7,641,154
For export	"	8,349	10,092,736
14,001 to 16,000 lbs.:			
For sale in Canada	"	12,415	25,843,421
For export	"	11,791	16,489,021
16,001 to 19,500.:			
For sale in Canada	"	9,306	22,854,350
For export	"	401	812,285
19,501 to 26,000 lbs.:			
For sale in Canada	"	3,933	20,621,089
For export	"	340	830,336
Over 26,000 lbs.:			
For sale in Canada	"	1,084	8,959,909
Automobiles, passenger:			
Convertible cars:			
Coupe, roadster:			
For sale in Canada	"	967	2,022,490
For export	"	3	6,188
Permanent, closed cars:			
Coupe:			
For sale in Canada	"	17,664	28,813,524
For export	"	463	631,637
2 Door Sedan:			
For sale in Canada	"	54,898	79,540,260
For export	"	396	523,357
4 Door Sedan:			
For sale in Canada	"	169,133	267,744,762
For export	"	22,542	24,825,683
Other, closed:			
For sale in Canada	"	2,780	4,691,891
For export	"	171	271,050
Chassis, (sold without bodies):			
For sale in Canada	"	1	971
For export	"	14,516	8,582,635
Buses or coaches:			
Complete:			
For sale in Canada	"	483	8,599,664
Chassis only	"	82	173,159
Automobiles, not specified	—	—	9,918
Automobile, bus and truck bodies and cabs	—	—	15,431,809
Automobile bumpers and bumperettes	—	—	4,775,204
Automobile cloth*	sq. yd.	1,647,635	3,508,743
Automobile headlights and parts	—	—	3,757,367
Automobile parts and accessories (not specified)	—	—	175,615,758
Awnings, aluminum	—	—	1,344,293
Awnings and verandah curtains, fabric	—	—	1,763,008
Axes and hatchets	No.	613,178	1,047,404
Axles and shafts, automobile	—	—	12,812,512
Axles (not specified)	—	—	4,239,012
Babies' high chair sets, commodes and other baby supplies	—	—	788,795
Babbitt metal	lb.	2,810,848	1,357,968
Badges (included under "Regalia")			
Bags:	—	—	1
Cosmetic, plastic	No.	42,342,768	10,201,595
Cotton	"	66,589,182	16,330,522
Jute	doz.	126,776	1,097,312
Garment, fabric or plastic	"	65,017	3,332,298
Hand, leather	"	207,262	3,920,436
Hand, other	—	-	204,053
Hand, parts	No.	58,924	707,368
Shopping, sports, etc., leather	"	195,462	496,572
Shopping, sports, etc., fabric	"	20,430	490,444
Sleeping	—	—	5,693,876
Club bags, suit cases and other hand luggage	No.	288,379	493,925
School bags	—	—	1,457,263
Fabric bags, not specified	—	—	2,584,659
Fabric bags, repaired			
Bags, paper:	—	—	6,709,582
Glassine and cellophane	—	—	1,426,220
Millinery, garment and laundry	—	—	7,787,069
Self-opening	—	—	1
Tea bags, individual	—	—	1,980,718
Wedge	—	—	23,394,126
Paper, not specified (including multiwall)			

1. Indicates the commodity was reported by only one or two concerns.

Alphabetical List of Commodities, 1952 — Continued

Items	Unit of measure	Quantity	Value of factory shipments
			$
Bags, plastic	—	—	1,387,944
Bags, rubber, air and steam*	No.	12,324	260,061
Bags, rubberized, n.e.s.*	doz.	87	2,953
Bakers' equipment (See also "Machinery, bakers')	—	—	32,900
Bale ties — Quantity made	ton	3,895	—
Quantity sold	"	3,805	685,151
Balls, grinding	—	—	2,951,639
Ball and rod mills, grinding	—	—	779,616
Balloons*	gr.	101,529	330,443
Balls, baseball	doz.	16,991	281,007
Balls, golf, complete	"	85,538	594,993
Balls, softball	"	25,974	300,774
Balls, other, including bladders, centres etc.*	—	—	831,918
Barley, pot and pearl	ton	2,073	208,842
Barn and stable equipment, not elsewhere specified	—	—	4,369,736
Barrels, wooden:			
Apple, etc.	No.	674,997	1,341,688
Fish, slack	"	54,362	95,793
Fish, tight	"	99,390	271,120
Flour, sugar etc.	"	109,957	200,192
Oil, vinegar, water, etc.	"	150,073	1,028,325
Whiskey, beer, etc.	"	38,485	950,429
Barrels, steel	"	638,743	3,221,647
Barrels, repaired, etc.	—	—	528,185
Barrels, n.e.s.	—	—	3,611
Bars and ingots, aluminum (See "Aluminum bars, rods and ingots")			
Bars and rods, brass and bronze	—	—	1
Bars, iron and steel:			
Hot rolled, of all grades:			
Quantity made*	net ton	646,309	—
Quantity sold	"	461,041	66,562,146
Cold rolled and drawn:			
Quantity made*	"	50,545	—
Quantity sold	"	50,652	13,049,782
Not specified, sold	"	153,066	16,782,362
Basket bottoms	—	—	220,353
Baskets and crates, fruit and vegetable	—	—	4,054,471
Baskets, other, not specified	—	—	593,879
Bathing caps*	doz.	20,390	94,285
Bathing shoes	—	—	1
Bathing suits	doz.	86,815	3,258,146
Bath mats and sets	—	—	337,646
Bathrobes, kimonos, lounging jackets etc.:			
Cotton:			
Women's and misses'	doz.	12,062	508,903
Children's	"	8,279	124,766
Rayon and silk:			
Women's and misses'	"	28,293	2,282,285
Men's and youths'	"	4,817	529,666
Children's	"	459	19,353
Wool and flannel:			
Women's and misses'	"	8,524	750,284
Men's and youths'	"	6,818	928,568
Children's	"	681	29,118
Not specified:			
Women's and misses'	"	10,856	482,648
Men's and youths'	"	3,551	195,153
Other	"	10,530	490,825
Bats, baseball	No.	217,307	177,118
Batteries:			
Storage, for automobiles and other internal combustion engines	"	1,743,318	17,929,889
Storage, for railway service (cells)	"	17,174	650,958
Storage, for farm lighting plants (cells)	"	23,698	260,064
Storage, for telephone switch boards	"	14,196	552,951
Storage, for all other purposes	"	18,289	1,839,453
Dry cell, 6 in. batteries	No. of cells	2,149,367	1,066,926
Dry cell, radio, for portable sets	"	15,078,566	803,696
Dry cell, radio, for non-portable sets	"	40,759,747	3,657,440
Dry cell, flashlight	"	30,057,641	2,780,468
Dry cell, hearing aid "A"	"	} 2,825,647	318,939
Dry cell, hearing aid "B"	"		
Dry cell, all other	"		
Parts and supplies for batteries	—	—	2,934,014
Battery containers, covers, etc.*	—	—	2,550,516
Batts, wadding, and rolls including auto batts (See also "Flocks")	—	—	4,368,257
Bearings, ball, roller, pillow blocks, engine and other bearings, not specified	—	—	7,389,253
Beauty parlour equipment (See also "Hair dressing accessories")	—	—	309,821
Beds and couches:			
Beds, metal	No.	181,860	2,435,407
Studio couches, metal and other	"	76,669	4,459,270
Couches, other than studio, metal	"	30,694	433,964
Cots and bunks, metal	"	195,584	2,008,122
Cribs, metal	"	26,131	305,531
Beds, camp	—	—	32,435
Bedspreads and bed sets, (See also, "Quilts, bedspreads, etc."):			
Cotton	No.	307,413	1,852,506
Silk, rayon and rayon mixtures	"	45,635	415,688
Not specified	"	62,508	443,502
Beef extract	—	—	1
Beekeepers' supplies, n.e.s.	—	—	155,149

1. Indicates the commodity was reported by only one or two concerns.

Alphabetical List of Commodities, 1952 — Continued

Items	Unit of measure	Quantity	Value of factory shipments
			$
Beer, ale, stout and porter (sales):			
Bottled and canned	gal.	145,851,921	244,679,571
Draught	"	47,978,427	55,795,607
Beer, spruce	—	—	1
Beet pulp, wet and dried	ton	108,509	2,453,447
Belting, leather (transmission)	lb.	292,105	1,208,987
Belting, plastic	—	—	1
Belting, rubber*	lb.	7,444,823	7,437,868
Belts, automobile, fan*	No.	1,555,577	974,903
Belts, body, not specified	—	—	4,154,888
Belts, rubber, other*	No.	1,672,279	2,459,144
Belts and aprons, sanitary	—	—	123,062
Benzol*	Imp. gal.	8,124,271	3,258,392
Bicycles*	No.	82,435	2,837,859
Bicycle parts*	—	—	437,760
Billiard and bowling supplies, n.e.s.	—	—	1,076,695
Binders, loose-leaf and other	—	—	2,674,301
Binders, corn	—	—	1
Binders, grain	No.	5,398	2,347,188
Binding and stitching (trade work)	—	—	1,952,045
Bindings (see also "Tapes"):			
Cotton	—	—	852,209
Silk, rayon and rayon mixtures	—	—	296,263
Other	—	—	48,680
Bins and hoppers*	—	—	1,489,188
Biologicals and vaccines	—	—	3,814,863
Biscuits, plain and fancy	lb.	184,067,544	59,044,784
Biscuits, soda	"	45,844,792	11,502,987
Black, acetylene	—	—	1
Blackboards, asbestos and other	—	—	52,223
Blankets:			
Cotton and cotton mixtures*	pr.	1,709,929	—
	lb.	6,132,130	7,169,767
All wool*	pr.	574,169	—
	lb.	3,921,035	7,639,775
Other, including crib*	pr.	839,785	—
	lb.	1,282,419	1,742,455
Slumber throws*	No.	81,684	375,536
Blankets, electric	"	9,365	214,406
Blankets and covers, horse	"	9,141	51,716
Blankets, rubber, printers'*	lb.	45,358	84,035
Bleaching compounds	—	—	1
Blinds, venetian (See "Shades and blinds")			
Blood, animal, dried, edible	—	—	1
Blood, animal, dried, inedible	lb.	3,894,615	192,032
Blooms, billets, slabs and sheet bars, (including, blanks)			
Quantity made*	net ton	2,729,432	—
Quantity sold	"	399,753	34,946,164
Blouses, women's, misses' and children's:			
Cotton, women's and misses'	doz.	206,474	4,248,654
Cotton, children's	"	91,845	1,092,790
Nylon, children's	"	19,213	407,081
Nylon, women's and misses'	"	215,159	7,098,172
Rayon, women's and misses'	"	97,815	2,965,266
Rayon, children's	"	12,383	220,199
Rayon mixtures, women's and misses'	"	145,073	3,778,392
Rayon mixtures, children's	"	1,046	14,278
Woollen, women's and misses'	"	12,888	564,874
Woollen, children's	"	527	15,067
Other, women's and misses'	"	68	7,401
Other, children's	"	99	718
Blow torches	—	—	1
Blowers for domestic furnaces	No.	28,594	761,365
Blue, laundry	—	—	141,697
Boats, life and whale	No.	113	183,059
Boats, motor	"	784	2,406,771
Boats, outboard motor	"	11,109	2,187,895
Boats, sail	"	164	76,871
Boats, other including row boats, skiffs, etc., (See also "Canoes")	—	—	1,069,768
Boiler compound	—	—	1
Boilers, heating, all types	No.	16,224	8,548,302
Boilers, power	—	—	9,074,104
Boilers, range and wash	No.	190,630	2,704,882
Boilers, not specified	—	—	1,335,001
Boiler and engine parts and accessories	—	—	4,170,633
Bologna, weiners, and blood pudding	lb.	97,247,246	32,271,426
Bolt, nuts and rivets	—	—	23,385,872
Bone and meat meal and flour*	lb.	20,569,604	982,210
Bone, raw, ground, etc.	"	36,354,080	721,624
Book cloth, pyroxylin coated (included in "Fabrics, coated and impregnated")			
Books, printed and bound, chiefly for advertising	—	—	2,890,097
Books, printed and bound, not chiefly for advertising	—	—	11,986,622
Books and pads, drawing, exercise, scribblers, etc., not elsewhere specified	—	—	2,970,082
Books, ledger and account	—	—	1,083,433
Books, counter, check, sales, etc.	—	—	2,631,869
Books, blank, bound, not specified	—	—	1,277,348
Boron carbide	—	—	1
Bottles, paper, milk	—	—	1
Bottles, plastic	—	—	1
Bottles, thermos	—	—	1
Bowling supplies (included in "Billiard and bowling supplies")			

1. Indicates the commodity was reported by only one or two concerns.

Alphabetical List of Commodities, 1952 — Continued

Items	Unit of measure	Quantity	Value of factory shipments
			$
Box toes	pr.	10,673,713	373,298
Boxes, paper:			
Corrugated, including wrappers, etc. (See also "Wrappers")	—	—	64,008,207
Fibre board	—	—	1,640,975
Folding	—	—	48,596,061
Set-up	—	—	13,667,400
Not specified	—	—	21,161
Boxes, plastic	—	—	143,291
Boxes, wooden:			
Apple	No.	343,428	159,140
Berry	"	29,338,452	407,305
Butter	"	1,419,454	925,590
Cheese	"	644,341	368,304
Cigar	"	1,184,507	269,619
Fish	"	1,804,037	1,193,099
Meat	"	445,819	455,252
Plywood	"	284,874	1,122,054
Veneer	"	2,649,397	3,370,397
Not specified	—	—	5,811,630
Boxes, other, not specified	—	—	2,078,321
Box panels, plywood	—	—	342,253
Braids and gimps	—	—	1,491,373
Brake fluid*	—	—	901,061
Brake beams (railway car)	—	—	1,140,965
Brakes, auto, and parts	—	—	4,238,452
Brakes, brake shoes and parts (railway car)	—	—	2,949,181
Bran	ton	336,228	18,746,060
Brass and bronze ingots	"	21,484	12,984,460
Brass and bronze products, not specified	—	—	1,316,698
Bread*	lb.	1,523,881,705	161,552,890
Breakfast foods (see "Cereal products")			
Brewery and distillery equipment, n.e.s.	—	—	566,048
Bricks, cement	M.	72,720	2,556,862
Bricks, domestic clay	"	369,831	14,868,807
Bricks, sand-lime	"	36,852	987,561
Briquettes, coal and coke	—	—	1
Bronze ingots (See "Brass and bronze ingots")			
Brooms:			
Corn	doz.	256,643	3,018,939
Fibre	"	34,048	390,002
Hair	"	5,092	166,087
Toy	"	7,576	24,181
Other	"	20,104	270,685
Brushes:			
Clothes	"	25,363	168,740
Cosmetic	"	60,915	207,595
Generator and motor	—	—	749,848
Hair	doz.	85,829	826,615
Nail	"	45,318	82,931
Paint	"	346,403	3,526,212
Shaving	"	30,218	304,950
Shoe	"	30,578	146,113
Tooth	"	435,127	697,693
For household purposes	"	482,813	1,259,171
For industrial use	"	275,075	1,510,966
Other, not specified	—	—	188,056
Brush blocks, backs, etc.	—	—	49,993
Buckles, clips, etc.	—	—	372,470
Buffing composititon	—	—	335,907
Buffs, polishing, cotton	—	—	950,299
Building blocks, hollow, cement, cinder, sand-lime, etc.	—	—	20,530,001
Bungs, barrel	—	—	60,957
Buns*	—	—	24,910,939
Burlap products	—	—	6,389
Burners, not specified	—	—	94,413
Butane (Included in "Gases, liquifying petroleum")			
Butter, whey, factory made	lb.	1,762,252	924,109
Butter, other, factory made	"	283,364,866	169,054,082
Buttons:			
Celluloid	gr.	86,970	369,478
Covered	"	173,509	165,760
Plastic	"	1,265,606	1,086,546
Metal	"	932,145	515,180
Moulded	"	4,383,667	1,429,606
Pearl	"	142,147	204,086
Not specified	—	—	552,258
Button covering, hemstitching, etc.	—	—	1,401,433
Butyl acetate	—	—	1
Butyraldehyde	—	—	1
Cabinets, ice cream	No.	5,317	1,919,374
Cabinets, phonograph, radio and television	"	175,603	4,972,905
Cabinets, silverware	—	—	559,908
Cabinets, other, including shower	—	—	554,310
Caffeine	—	—	1
Calcium acid phosphate	—	—	1
Calcium carbide	—	—	1
Calcium chloride	—	—	1
Calcium cyanamide (Included in "Fertilizers, other than mixed")			
Calcium naphthenate	—	—	1
Calks, horseshoe	—	—	42,372
Camel back*	lb.	6,107,291	2,898,732
Cameras and kodaks	—	—	1

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Alphabetical List of Commodities, 1952 — Continued

Items	Unit of measure	Quantity	Value of factory shipments
			$
Candles and cierges:			
Household	—	—	393,184
Church, chapel and synagogue	—	—	1,762,427
Wax lights in tumblers	—	—	1
Candy sticks	—	—	140,709
Canoes (See also "Boats")	—	—	290,023
Cans, metal (cream and milk)	No.	30,406	134,678
Cans, metal, for food	M	1,661,317	59,491,789
Cans, metal, non-food	—	—	19,499,558
Cans, garbage and ash	—	—	1,159,990
Cans, paper or fibre with metal ends	—	—	3,148,877
Cans, all paper or fibre	—	—	1
Canvas and canvas goods, not elsewhere specified	—	—	80,810
Capacitors, (Static condensers for power factor correction)	—	—	698,067
Caps:			
Cloth	doz.	231,707	2,715,001
Cotton	"	81,253	211,791
Fur	"	3,511	76,356
Leather	"	11,877	177,389
Sport	"	126,571	980,966
Uniform	"	68,358	1,848,529
Not specified	"	30,958	205,115
Caps, bottle:			
Metal, beverage	—	—	7,364,047
Metal, other	—	—	3,060,721
Paper, milk bottle	—	—	1,406,772
Plastic	—	—	596,031
Not specified	—	—	751,584
Caramel butter	—	—	1
Carbon dioxide (cylinders and solid)	—	—	1
Carbon bisulphide	—	—	1
Carbon tetrachloride	—	—	1
Carbon products, not specified	—	—	506,285
Carboxel (sodium carboxymethyl cellulose)	—	—	1
Cards, greeting	—	—	11,276,104
Cards, playing	—	—	1
Cards, visiting	—	—	142,784
Carpets, mats, and rugs:*			
Carpets in rolls, including stair:			
Axminster	carpet yard	562,484	2,101,485
Tapestry	"	308,917	1,058,079
Wilton	"	485,905	3,210,203
Other, not specified	"	187,752	1,236,801
Carpets in squares, 4'6" x 7'6" or larger:			
Axminster	"	496,158	2,064,173
Wilton	"	57,506	357,919
Not specified	"	7,632	46,307
Small squares and runners:			
Axminster	"	88,427	361,222
Wilton	"	19,676	124,927
Other	"	46,398	154,350
Cocoa mats and matting	—	—	1
Rugs, wool, fluff, cotton, hooked, etc.	—	—	1,355,708
Rugs, made from old carpets	—	—	389,128
Carpet sweepers	—	—	1
Carriages, sulkies, etc., baby	No.	136,837	2,745,932
Carriages, doll	"	130,827	584,992
Carriages and wagons, complete (See "Vehicles, wheeled")			
Carriage and wagon bodies and boxes	—	—	127,737
Carriage and wagon materials	—	—	83,052
Carriers, litter	—	—	1
Cars, electric, railway, passenger, new	—	—	1
Cars, steam, railway, new*	No.	11,954	92,258,661
Cars, dump, hand, push and other, not specified*	—	—	1,347,044
Cars, concrete	—	—	74,139
Carvings, wood and other	—	—	31,446
Casein, dried	lb.	2,995,755	744,902
Casein, green	"	1,514,309	149,601
Cases, clock	—	—	139,013
Cases, jewellery	—	—	1,203,660
Cases, key, card, utility, etc.	No.	907,927	892,464
Cases, portfolios, brief, etc.	"	164,494	1,028,866
Cases, toiletware	—	—	70,849
Cases, other, not specified	—	—	81,974
Caskets	No.	104,633	6,845,290
Casks, fish	"	54,589	173,009
Casks, other	"	1,365	7,534
Castings:			
Aluminum	lb.	10,260,549	7,769,444
Brass and bronze	"	39,242,292	17,545,841
Copper	"	362,325	200,787
Die	"	15,034,502	8,785,851
Grey iron	ton	242,194	48,194,914
Magnesium	"	252	1,720,534
Malleable iron	"	43,555	10,891,216
Iron, not specified	"	2,063	508,031
Lead	lb.	238,184	85,590
Steel:			
Quantity made*	ton	125,353	—
Quantity sold	"	122,483	47,026,184
Castings, not specified	"	1,356	1,824,568
Castors, all kinds	—	—	1,085,131

1. Indicates the commodity was reported by only one or two concerns.

Alphabetical List of Commodities, 1952 — Continued

Items	Unit of measure	Quantity	Value of factory shipments
			$
Catalogues, printed, etc.	—	—	13,766,421
Catsup (See "Tomato Catsup")			
Caulking materials	—	—	1
Ceiling and siding, metal	—	—	708,140
Cellulose products, n.e.s.	—	—	1
Cement, asbestos	lb.	2,046,286	133,386
Cement, Portland (including containers)*	—	—	51,029,930
Cement, linoleum	—	—	476,003
Cement, rubber	—	—	498,616
Cement, not specified	—	—	1,547,697
Cereal products:			
Prepared (ready to serve)	lb.	72,564,935	19,858,561
Unprepared	"	15,620,539	1,585,063
Not specified	"	3,022,000	185,816
Certificates, stock, bond, etc. (printed)	—	—	2,342,181
Chains, automobile	—	—	2,568,674
Chains, other than automobile, including sprocket chain	—	—	5,735,972
Chamois products	—	—	366,169
Chaplets, foundry	—	—	1
Charcoal	—	—	1
Cheese, Canadian cheddar	lb.	68,484,164	20,040,036
Cheese, other, whole milk	"	5,134,734	2,435,500
Cheese, skim milk and cottage	"	13,152,583	2,802,020
Cheese, process	"	41,241,619	16,230,566
Cheesecloth	yd.	1,111,498	363,930
Chemical products, not elsewhere specified	—	—	4,363,604
Cheques, notes, drafts, bank notes, etc. printed	—	—	3,212,535
Chests, cedar and other	No.	36,373	1,324,678
Chewing gum	box	12,880,232	8,470,309
Chicken, canned (See "Meats, canned")			
Chicory, roasted	—	—	1
Children's sleepers (See also "Infants' wear — Sleepers")	doz.	67,163	759,074
Children's waists n.e.s.	"	19,385	110,124
Chloride of lime	lb.	689,878	73,957
Chlorine, liquid	"	185,639,562	5,213,866
Chloroform	—	—	1
Chocolate coating:			
Liquor	—	—	1
Sweetened:			
For own use	lb.	11,002,702	—
For sale	"	13,239,952	4,958,227
Choppers and grinders, food	No.	23,230	309,998
Cider (for sale)*	Imp. gal.	91,211	46,580
Cigars*	M	201,517	15,487,025
Cigarettes*	"	18,037,368	290,947,786
Classifiers, metal-working	—	—	1
Clay, bentonite and other	—	—	462,056
Cleaners, vacuum and parts	—	—	8,787,205
Cleaner, hand	lb.	1,069,353	128,369
Cleaner, automobile, fabric, floor, etc.	—	—	899,271
Cleaning and scouring powders and pastes	lb.	35,785,237	3,845,302
Cleaning preparations, n.e.s.	—	—	2,285,982
Clips and staples, wire	—	—	466,753
Clocks	—	—	3,541,696
Cloth, gummed	—	—	1
Clothes hampers	—	—	273,954
Clothes pins	gr.	980,780	563,912
Clothing, hospital	—	—	789,808
Clothing, military (See "Jackets", "Pants" and "Suits")			
Clothing, oiled and waterproofed (See also "Raincoats and Pants, rubberized and oiled")	—	—	463,188
Clothing, plastic, n.e.s. (See also "Aprons", "Raincoats and capes")	—	—	32,537
Clothing, rubber n.e.s.*	doz.	16,263	552,883
Clothing, safety	—	—	393,417
Clothing, n.e.s.	—	—	1,374,047
Clothing, sport:			
Shorts:			
Women's and misses:			
Cotton	doz.	38,555	628,223
Rayon	"	740	16,686
Wool and wool mixtures	"	2,668	59,475
Not specified	"	4,529	117,737
Men's and youths':			
Cotton	"	18,844	302,076
Not specified	"	1,598	33,854
Boys':			
Cotton	"	8,403	149,988
Other	"	1,104	26,665
Children's:			
Cotton	"	25,829	210,450
Rayon	"	2,314	29,277
Wool and wool mixtures	"	8,193	127,177
Slacks:			
Women's and misses':			
Cotton	No.	2,177,842	3,049,654
Rayon	"	259,309	925,375
Wool and wool mixtures	"	216,035	1,088,859
Not specified	"	25,992	147,829
Men's and youths' (See "Pants and Slacks")			
Children's:			
Cotton	"	498,824	799,405
Rayon	"	91,633	212,786
Wool and wool mixtures	"	185,532	461,820
Not specified	"	44,688	86,064

1. Indicates the commodity was reported by only one or two concerns.

Alphabetical List of Commodities, 1952 — Continued

Items	Unit of measure	Quantity	Value of factory shipments
			$
Clothing, sport — Concluded:			
Suits, sport:			
Ski and snow suits:			
Women's and misses'	No.	20,308	397,506
Children's	"	552,469	3,079,375
Other sport suits:			
Women's and misses':			
Cotton	"	1,760	9,152
Rayon (including children's)	"	606	3,890
Wool and wool mixtures	"	231	2,674
Not specified	"	2,000	10,500
Children's:			
Cotton and other	"	5,740	29,685
Clothing, sport, (baseball, gym and athletic) (See also "Pants, hockey, soccer, etc.")	—	—	421,243
Clothing, sport, n.e.s.	—	—	457,555
Coats and jackets:			
Boys' overcoats and top coats	No.	89,252	914,423
Men's and youths' overcoats and top coats	"	936,662	27,349,062
Women's and misses' coats:			
Rayon	"	56,430	1,020,463
Woollen	"	1,574,041	37,284,767
Other	"	19,575	676,804
Children's coats:			
Woollen	"	662,665	5,065,101
Rayon	"	97,952	654,304
Not specified	"	19,903	165,357
Station wagon coats:			
Women's and misses'	"	43,070	703,820
Children's	"	103,964	1,097,724
Men's and boys'	"	5,520	112,408
Not specified	"	3,312	137,340
Other coats, not specified	"	12,540	214,354
Boys' separate jackets (civilian)	"	74,427	447,114
Men's and youths' separate jackets:			
Civilian	"	390,657	6,673,988
Military	"	1,214,604	14,876,631
Women's and misses' separate jackets:			
Wool and mixtures	"	136,942	1,206,821
Rayon and mixtures	"	26,041	148,435
Cotton	"	75,674	471,089
Other	"	14,929	92,445
Children's separate jackets:			
Wool and mixtures	"	259,313	714,031
Cotton	"	171,154	346,811
Rayon and mixtures	"	23,251	95,741
Other	"	45,883	128,228
Coats, blazers and jackets, not specified	doz.	8,481	565,416
Coats short (including windbreakers, mackinaws, parkas, leather coats, vests etc.):			
Wool and wool mixtures:			
Men's and youths'	"	39,985	3,725,751
Boys'	"	13,965	924,117
Children's (under 14)	"	6,045	252,643
Women's and misses'	"	2,482	264,767
Cotton:			
Men's and youths'	"	59,761	4,534,465
Boys'	"	27,102	1,633,033
Children's (under 14)	"	25,865	878,004
Women's and misses'	"	1,600	113,655
Not specified	"	3,537	234,181
Leather:			
Men's and youths'	"	14,781	2,164,696
Boys'	"	577	50,316
Not specified	"	22,208	295,258
Rayon:			
Children's	"	5,961	336,472
Women's and misses'	"	2,689	179,510
Other:			
Men's and youths'	"	61,119	5,964,105
Boys'	"	25,109	1,730,404
Children's (under 14)	"	4,358	142,809
Women's and misses'	"	2,908	210,449
Not specified	"	11,217	113,890
Raincoats:			
Plastic:			
Children's	No.	44,710	51,502
Men's and youths'	"	35,231	78,561
Women's, misses', etc.	"	35,483	74,455
Rubber and rubberized:			
Children's	"	38,468	146,559
Other	"	11,000	172,600
Showerproofed and waterproofed:			
Children's	"	96,574	684,403
Men's and youths'	"	145,364	2,084,864
Women's and misses'	"	257,251	3,988,007
Not specified:			
Children's	"	10,800	26,000
Men's	"	158,432	2,277,207
Women's and misses'	"	37,317	423,407
Coats and capes:			
Oiled	doz.	2,923	243,476
Plastic	"	76,170	1,413,433
Rubber, rubberized and shower proofed	"	45,025	4,069,568
Brunch coats and house coats	"	9,168	441,958

1. Indicates the commodity was reported by only one or two concerns.

Alphabetical List of Commodities, 1952 — Continued

Items	Unit of measure	Quantity	Value of factory shipments
			$
Coats, fur:			
Children's	No.	916	95,199
Ladies' (coats, jackets, etc.)	"	230,061	52,036,611
Men's	"	232	44,180
Coats, fur-lined (ladies')	"	2,485	445,629
Coat plates	—	—	1,262,323
Coating, industrial (plastic) (See also "Enamels, pipe-line")	—	—	1
Cobalt naphthenate	—	—	1
Cocoa (Made for sale)	lb.	7,834,494	3,805,728
Cocoa butter:			
Made for own use	"	3,005,857	—
Made for sale	"	1,035,507	649,040
Cocoa and chocolate preparations, not elsewhere specified (for sale)	"	5,863,083	2,772,931
Cocanut, prepared and desiccated	—	—	1
Coffee-makers, electric (See also, Percolators, electric)	No.	42,254	253,815
Coffee-makers, glass	—	—	1
Coffee, roasted	lb.	75,513,398	65,527,076
Coffee substitute	—	—	1
Coffins	No.	4,405	117,138
Coffins (shells or rough boxes)	—	—	969,170
Coke, gas-house*	ton	4,076,655	58,701,110
Coke, petroleum*	"	203,388	2,157,262
Coke, pitch	—	—	1
Cold storage equipment (See also "Refrigeration equipment")	—	—	161,407
Collars and cuffs (men's)	doz.	22,649	138,824
Collars, fur	No.	130,869	677,018
Colours, butter, cheese and other	—	—	584,722
Colours, dry	—	—	3,056,384
Colours, in oil and Japan	—	—	531,883
Combs	—	—	1,447,154
Comforters:			
Cotton	No.	49,106	277,901
Down	"	10,236	197,624
Wool	"	55,497	376,323
Not specified	—	—	185,264
Communication systems (see "Radio communication equipment)			
Compacts, powder and rouge	—	—	229,957
Compressors, air	—	—	7,926,793
Compressors and condensing units (refrigeration)	No.	52,146	3,645,925
Concentrates used for soft drinks*	—	—	6,229,906
Concrete, ready mixed	cu. yd.	1,994,079	23,415,036
Concrete products n.e.s.	—	—	7,421,734
Condensers, evaporative (refrigeration)	No.	3,412	312,507
Conduit, fibre	—	—	1
Conduit, flexible, steel, and non-metallic	ft.	2,554,463	184,888
Conduit, rigid:			
Aluminum	—	—	1
Electrical metallic tubing	lb.	1,912,544	468,210
Iron	"	30,574,036	4,519,399
Not specified	—	—	46,346
Conduit fittings	—	—	2,624,672
Cones, ice cream	M.	396,012	1,585,334
Cones and tubes, textile winding	—	—	1
Confectionery, chocolate:			
In bulk	lb.	16,275,025	6,979,560
In bars	doz.	42,132,620	24,514,946
In packages	lb.	20,570,212	11,876,430
Moulded chocolate novelties	"	1,780,091	1,254,812
Not specified	"	270,041	110,495
Confectionery, marshmallow:			
In bulk	"	288,025	84,835
In packages	"	4,690,739	1,453,729
Confectionery, sugar:			
In bulk	"	44,670,421	11,128,428
In bars	doz.	2,795,783	1,291,899
In packages	"	18,689,019	7,095,334
Penny goods	gr.	3,658,956	3,074,108
Lozenges	lb.	1,486,060	299,912
Confectionery, toffee:			
In bulk	"	1,377,070	433,600
In packages	"	1,893,356	656,181
Confectionery, not specified	"	3,455,671	1,363,288
Confectionery coatings	—	—	1
Confectionery mixes	—	—	1
Containers, n.e.s.	—	—	231,267
Control and starting equipment, industrial, n.e.s.	—	—	13,637,651
Converter equipment, electrical	—	—	2,324,734
Coolers, milk and other	No.	7,532	1,634,500
Cooperage products, not specified	—	—	81,242
Copper alloys	lb.	1,578,429	674,912
Copper and copper products, n.e.s.	—	—	5,127,633
Cores for paper rolls	M ft.	6,138	839,234
Cores for small paper rolls and mailing tubes	—	—	1,105,290
Cores, textile winding	—	—	215,731
Cores, lumber	—	—	336,346
Cork products, not elsewhere specified	—	—	749,855
Corn, cracked	—	—	41,333
Corn, for popping	—	—	1
Corsets, girdles, brassieres, etc.:			
Corsets and girdles	doz.	185,439	6,676,257
Combination garments	"	23,543	1,205,875

1. Indicates the commodity was reported by only one or two concerns.

Alphabetical List of Commodities, 1952 — Continued

Items	Unit of measure	Quantity	Value of factory shipments
			$
Corsets, girdles, brassieres, etc. — Concluded:			
Bandeaux, brassieres, etc.	doz.	698,717	9,916,539
Suspender girdles, shoulder straps etc.	—	—	922,275
Corset steels and clasps	—	—	1
Cosmetic containers and other cosmetic accessories, n.e.s.	—	—	531,977
Cotter pins	—	—	1
Cotton fabrics:*			
Unbleached or grey	lb.	61,200,478	—
	yd.	158,520,609	54,095,201
Bleached or white	lb.	10,483,889	—
	yd.	39,152,470	12,543,260
Yarn and stock dyed	lb.	17,177,047	—
	yd.	39,783,130	18,210,250
Piece dyed	lb.	20,644,230	—
	yd.	78,665,577	27,255,707
Printed and painted	lb.	10,280,196	—
	yd.	43,889,230	13,704,785
Not specified	—	—	4,690,993
Counters, shoe	pr.	23,232,772	703,484
Couplings, flexible, etc.	—	—	219,575
Coverings, boiler and pipe, asbestos and other	—	—	2,425,697
Covers, baby carriage and crib	doz.	2,849	79,119
Covers, boat	—	—	101,510
Covers, canvas	—	—	2,570,897
Covers, couch, table and other furniture	—	—	1,036,998
Covers, mattress	—	—	719,138
Covers, stockinette, meat (See "Knitted fabrics")			
Covers, radiator	—	—	46,002
Covers, seat, automobile	—	—	2,291,968
Covers, not specified	—	—	716,619
Crates, shipping, auto and other	—	—	1
Crayons, wax and chalk	—	—	460,426
Cream, whey, sold by dairy factories	lb. b. f.	712,945	371,017
Cream, other, sold in dairy factories	"	23,894,024	27,524,013
Cream transferred to branches of firms reporting	"	6,230,196	4,437,332
Cream of tartar, refined	lb.	193,219	160,905
Cream separators	No.	6,288	721,702
Cresols	—	—	1
Croquet sets	—	—	1
Cross arms	—	—	1,031,337
Crucibles, clay	—	—	1
Crushers, rock and parts	—	—	1,952,494
Cuffs, fur	pr.	4,340	99,713
Cultivators	No.	27,175	5,309,033
Cups, paper, baking, bonbon, etc.	M	1,015,672	437,297
Cups, paper, drinking	"	824,277	4,976,019
Curtains, shower	—	—	30,884
Curtains, fabric	—	—	2,839,814
Curtains and drapes, plastic	doz.	102,154	1,690,105
Curtain rods and fixtures	—	—	1,844,066
Cushions	—	—	865,249
Cushion forms	—	—	39,915
Cushion tops	No.	121,848	93,889
Cushions, mats and pads, air and sponge*	doz.	1,933	407,289
Cutting blocks and tables, butcher	—	—	97,284
Cutlery, all kinds (see also "Flatware")	—	—	488,856
Dairy products, not specified	—	—	1,331,914
Dairy equipment, not specified	—	—	951,286
Decorations, including party favours, confetti, etc.	—	—	796,080
D.D.T.	—	—	1,119,878
Dentifrices	—	—	6,760,404
Dentists' supplies, not elsewhere specified	—	—	345,739
Deodorant (personal)	—	—	1,883,973
Deodorant (not personal)	—	—	515,356
Desk sets	—	—	154,288
Detergents	—	—	21,391,289
Dextrine	—	—	1
Dextrose	—	—	1
Diaries, printed, etc.	—	—	214,351
Dibutyl phthalate	—	—	1
Dicyandiamide	—	—	1
Dies, stamping, drawing and cutting	—	—	629,419
Dies, metal working, n.e.s.	—	—	4,170,069
Dies, aluminum	—	—	34,026
Dies, taps and stocks	—	—	1,326,261
Dies, rubber etc.	—	—	557,208
Dioctyl phthalate	—	—	1
Discs, agricultural (See "Ploughs")			
Discs for cartridge cases	—	—	1
Dishcloths	—	—	494,176
Dishwashers, electrical, commercial	—	—	1,007,829
Disinfectants	—	—	776,980
Display, advertising	—	—	3,875,114
Display forms, mounting, etc.	—	—	1,709,447
Ditchers, blade	—	—	1
Distillers' grain (See "Grain, distillers'")			
Dog collars and harness	—	—	95,990
Doilies and dinner cloths, paper	—	—	409,468
Dolls, all kinds	—	—	2,911,985
Dolls' furnishings and parts	—	—	450,235
Doors, metal clad	—	—	3,050,269
Doors, modernfold	—	—	1

1. Indicates the commodity was reported by only one or two concerns.

Alphabetical List of Commodities, 1952 — Continued

Items	Unit of measure	Quantity	Value of factory shipments
			$
Doors, veneer and plywood*	No.	1,268,601	9,845,095
Doughnuts*	—	—	7,863,756
Dowels	M lin. ft.	46,813	339,626
Down, processed (included with "Feathers")			
Draperies and drapery material	—	—	1,078,386
Dresserware, plastic	—	—	13,131
Dresses, children's:			
Cotton	No.	2,793,945	5,118,975
Nylon	"	108,150	331,932
Rayon and rayon mixtures	"	939,018	1,983,532
Wool and wool mixtures	"	240,165	702,640
Not specified	"	27,955	103,925
Dresses, women's and misses':			
Cotton (see also, "Coats, brunch coats, house coats, etc.")	"	5,959,796	16,173,674
Nylon	"	269,367	2,535,050
Rayon and rayon mixtures	"	6,878,056	48,127,967
Wool and wool mixtures	"	468,308	5,556,614
Wool, knitted suits and dresses (including children's)	"	164,592	1,954,053
Not specified	"	89,119	733,169
Dressing gowns, negligees, (see "Bathrobes, etc.")			
Dressing, salad	lb.	26,873,017	5,944,821
Dressings and finishes, leather, (not including polish)	—	—	1,271,665
Drilling machines (metal working)	—	—	1,317,773
Drills, grain and fertilizer (combination)	No.	31,123	10,955,271
Drills, grain, press and plain	"	10,629	4,671,475
Drills, reamers, etc. including screw plates	—	—	12,259,264
Drills, mining and metallurgical	—	—	1
Drink mixers	—	—	1
Drives, V-belts	—	—	1,279,806
Druggists' sundries:*			
Hot water bottles	doz.	16,532	171,927
Nipples and soothers	"	417,006	187,326
Ice caps and collars	"	2,630	30,570
Not specified	—	—	3,296
Drums, veneer, plywood and other	—	—	462,228
Dyeing, finishing, shrinking, etc.:[2]			
Dyeing and finishing of textiles	—	—	9,852,368
Dyeing and finishing of yarns	lb.	1,218,261	341,849
Dyeing and finishing of other products	—	—	729,919
Bleaching, sponging, dyeing, etc. custom	—	—	2,223,386
Dyes, blended and packaged	—	—	80,369
Dyes, leather	—	—	42,807
Ear muffs	—	—	30,495
Eavetrough and pipe	—	—	1,856,901
Economizers	—	—	1
Egg cases	No.	534,602	308,727
Egg case fillers	—	—	596,092
Eggs, frozen	—	—	1
Egg substitute, including powdered albumen	—	—	13,874
Elastic products, not elsewhere specified	—	—	1,281,196
Electric heating elements (sold separately)	—	—	2,252,855
Electrical apparatus, parts and supplies, not elsewhere specified	—	—	16,239,657
Electrical instruments and meters, except ammeters for autos	—	—	9,250,996
Electrodes, carbon and graphite	—	—	1
Electrotyping and stereotyping	—	—	5,909,927
Elevators, freight and passenger	—	—	8,665,272
Elevator parts	—	—	1,100,235
Embalming fluid	—	—	230,554
Embossing	—	—	289,575
Embroideries and laces	—	—	3,699,987
Enamels, oil and synthetic (See also "Paints and enamels")	Imp. gal.	6,286,691	27,797,114
Enamels, pipe-line	—	—	1
Engines, aircraft (overhauled and assembled)	—	—	1
Engines, auto	—	—	1
Engines, auto parts	—	—	1
Engines, diesel	No.	134	4,434,194
Engines, gasoline, marine type	"	31,882	6,417,933
" " , other type	"	18,204	636,204
Engines, steam, including steam turbines	—	—	1,277,347
Engine parts	—	—	6,916,061
Engraving (trade work)	—	—	313,938
Ensilage cutters	No.	349	193,543
Ensilage and forage harvesters	"	264	303,030
Envelopes, made	M	3,364,487	12,722,051
Envelopes, printed	—	—	6,507,952
Escalators	—	—	1
Ethyl acetate	—	—	1
Ethylbenzene	—	—	1
Ethylene oxide	—	—	1
Ethyl hexonal	—	—	1
Evaporators (fin coils, ice-makers, etc.)	—	—	1,307,589
Excelsior, paper	ton	2,753	119,322
Excelsior, wood	"	7,569	378,255
Excelsior, wrappers, mats and pads	No.	15,737,894	348,411
Explosives	lb.	167,806,672	26,289,267
Extractors, juice	—	—	1
Extracts, flavouring (bakers', confectioners', household, etc.)	—	—	3,755,280
Extracts, flavouring, etc. (used for soft drinks)	gal.	185,282	2,288,862
Fabrics, coated and impregnated, including felt saturated, book cloth and shoe materials	—	—	3,013,023

1. Indicates the commodity was reported by only one or two concerns.
2. Does not include fabrics dyed or bleached by firms maintaining a dyeing department of their own.

Alphabetical List of Commodities, 1952 — Continued

Items	Unit of measure	Quantity	Value of factory shipments
			$
Fabrics, rubberized and waterproofed	—	—	660,863
Fabrics, other	—	—	3,106,436
Face cloths*	—	—	901,495
Facial tissue (see "Tissues, cleansing")			
Facing and parting, foundry	—	—	393,010
Fanning mills	No.	2,322	326,856
Fans, electric	"	74,011	995,128
Farm equipment	—	—	1,039,850
Fasteners, zipper	ft.	48,138,115	6,154,962
Fasteners, other than zipper	—	—	800,337
Fats, animal, n.e.s.*	lb.	375,000	32,357
Feathers and down, millinery and other	—	—	1,303,898
Feed chopped, etc.*	—	—	27,476,668
Feed cutters and mixers	No.	331	69,235
Feed, poultry*	ton	951,395	84,623,328
Feed, stock*	"	996,950	78,695,623
Feed, stock and poultry, n.e.s.*	"	30,586	2,760,243
Feed supplements n.e.s.	—	—	[1]
Felt, coated and saturated (included in "Fabrics coated, etc.")			
Felt, cotton	lb.	5,650,517	819,876
Felt, harness and athletic*	"	402,530	326,623
Felt, industrial and automotive (uncut)*	"	7,150,960	1,347,888
Felt, insoling, uncut*	"	111,885	84,648
Felt, sole	"	21,996	19,654
Felt, padding*	sq. yd.	1,330,822	445,420
Felt, paper (see "Paper, building and roofing")			
Felt, pennant, crest and fancy lining*	"	456,699	374,131
Felt, shoe and gaiter*	"	320,401	384,365
Felt, punched	"	2,205,322	1,486,225
Felt, for pulp and paper making	—	—	11,848,521
Felt, n.e.s.*	—	—	1,057,974
Fences, electric	No.	13,478	121,880
Fencing, steel wire:			
Farm fence	ton	15,917	3,025,638
Lawn fence	"	1,307	374,684
Chain link fabric	"	4,008	1,196,831
Fencing, snow	—	—	728,795
Fencing, other	—	—	5,533
Ferric chloride	—	—	[1]
Ferro-alloys, (ferro-silicon, ferro-chrome, ferro-manganese, silicon spiegel, etc.)*	—	—	44,196,448
Fertilizers, complete	—	—	30,368,899
Fertilizers, other than mixed including ammonium nitrate (fertilizer grade), ammonium-phosphate, calcium cyanimide, ammonium sulphate and superphosphate	—	—	58,343,638
Fertilizer sowers	No.	664	126,620
Fibre, staple (rayon)	—	—	[1]
Fibre glass products	—	—	808,360
Files and rasps	—	—	[1]
Filing systems supplies	—	—	3,162,178
Filling, pie, apple*	lb.	4,382,105	490,988
Filling, pie, other than apple*	"	9,296,884	1,786,949
Filling, pie, powder (see "Powder, pie filling")			
Fillings, not specified	—	—	23,559
Films, motion picture	—	—	[1]
Films, photographers' including X-ray films	—	—	[1]
Filter discs, etc.	—	—	689,012
Filters, mining and metallurgical	—	—	283,342
Filters, oil, auto:			
Complete	No.	331,332	800,411
Elements, only	"	3,754,064	2,508,422
Firearms	—	—	[1]
Fire clay	ton	16,118	85,437
Fire extinguishers and supplies	—	—	2,536,799
Fire fighting and fire protection equipment, not elsewhere specified	—	—	3,234,828
Fireplaces and furnishings	—	—	890,002
Fireworks (see "Pyrotechnics")			
Fish, canned*	lb.	109,957,344	40,602,101
Fish, otherwise prepared*	—	—	18,110,773
Fish, fresh, marketed for consumption, sold in factories*	—	—	61,926,313
Fishing nets and netting*	—	—	934,536
Fishing tackle	—	—	1,936,928
Fixtures, lighting:			
Commercial and industrial	—	—	12,724,839
Residential	—	—	3,305,927
Street-lighting	—	—	2,146,444
Searchlights and floodlights	—	—	813,641
Other lighting equipment	—	—	2,186,103
Flags and bunting	—	—	366,774
Flashlights and cases	—	—	620,480
Flatware, electro-silver plated and sterling, (see also "Cutlery")	—	—	8,303,641
Flint for lighters	—	—	328,153
Flitches for veneer mills	M ft. b. m.	185	31,690
Flocks*	lb.	3,398,474	659,858
Floor cleaning equipment, n.e.s.	—	—	148,860
Floor covering, including oilcloths, etc.	—	—	[1]
Flooring, hardwood	—	—	9,790,288
Floor tile and joists, steel	—	—	[1]
Flotation machines	—	—	[1]
Flour, barley	ton	391	39,538
Flour, buckwheat	"	187	19,956
Flour, corn	"	713	74,662

1. Indicates the commodity was reported by only one or two concerns.

Alphabetical List of Commodities, 1952 — Continued

Items	Unit of measure	Quantity	Value of factory shipments
			$
Flour, diabetic	—	—	1
Flour, potato (see "Starch and flour")			
Flour, prepared and self-raising, cake mixes, pie crust, etc.	lb.	58,156,970	10,446,812
Flour preparations for sausage fillings	—	—	204,699
Flour, soya bean	—	—	1
Flour, wheat:			
Spring, No. 1 patent including Semolina	bbl.	3,848,297	37,611,582
Spring, No. 2 patent	"	5,947,252	51,832,331
Spring, No. 3 patent	"	10,254,789	90,256,519
Ontario winter	"	1,228,293	11,735,601
Low grade flour	"	1,027,197	7,528,834
Durum semolina	"	390,384	3,910,802
All other	"	530,221	4,285,444
Flour, graham or whole wheat	—	—	2,906,333
Flour, rye	ton	3,699	387,915
Flowers, artifical	—	—	2,036,097
Flue linings	ft.	1,570,446	728,603
Fly pads and paper	—	—	1
Fly swatters	—	—	1
Foil, tin, lead and aluminum	—	—	6,965,563
Folding (trade work)	—	—	255,251
Food drinks, liquid (see also "Powders" and "Milk, chocolate")	gal.	3,809,628	3,396,747
Food, fox, dog, etc.:			
Fox biscuits	ton	70	4,915
Dog biscuits	"	3,384	680,947
Fox and dog biscuits	—	—	1
Canned dog and cat food	ton	37,823	6,446,482
Other dog and cat food	"	9,498	1,853,137
Other fox food	"	1,825	205,483
Mink and other animal food	"	13,120	1,638,278
Food, stock and poultry n.e.s. (See "Feeds")			
Food mixers	No.	57,513	1,683,112
Food, infant, canned*	lb.	37,582,553	11,549,786
Food, infant, other including precooked cereal*	"	7,338,950	2,741,748
Food products, not specified	—	—	640,280
Foots, vegetable oil	lb.	2,442,333	50,711
Footwear, leather: (See also "Slippers")			
Felt uppers (including felt slippers):			
Babies'	pr.	60,103	75,497
Boys'	"	37,323	90,551
Children's, including little gents	"	72,883	98,947
Men's	"	331,452	954,353
Youths' (exclusive of slippers)	"	7,193	15,792
Misses'	"	50,378	96,859
Women's and growing girls'	"	168,243	183,531
Leather or fabric uppers:			
Babies'	"	2,902,171	4,776,491
Boys'	"	1,165,691	3,777,307
Children's	"	5,055,155	11,650,171
Men's	"	7,409,243	46,036,558
Youths'	"	293,788	841,345
Women's and growing girls'	"	14,377,237	50,338,515
Footwear, moccasins, including shoe packs:			
Babies'	"	25,403	17,000
Boys'	"	9,710	21,455
Children's	"	9,360	10,295
Men's	"	98,990	273,042
Youths'	"	1,115	1,872
Women's, misses' and growing girls'	"	513,494	884,664
Not specified	"	90,038	344,598
Footwear, plastic	—	—	63,162
Footwear, rubber:*			
Knee and hip boots, all rubber	pr.	1,616,677	5,422,245
Lumbermen's boots, all rubber	"	601,232	2,112,925
Lumbermen's boots, leather tops	"	180,231	1,610,081
Overshoes and goloshes, cloth uppers	"	1,283,682	6,299,063
Overshoes and goloshes, all rubber (lined and unlined)	"	3,920,361	13,072,416
Light and heavy rubbers	"	3,746,231	4,543,665
Rubber bottoms for leather tops	"	228,783	590,496
Utility footwear with canvas or other fabric tops	"	2,303,606	5,124,209
Forgings, including drop, shell, etc.	—	—	32,024,227
Forks, farm implements	—	—	1
Forms, continuous, printed	—	—	7,137,150
Fountains, soda and luncheonette equipment	—	—	689,813
Frames and cases, spectacle	No.	1,285,239	1,235,018
Freezers, individual, home and farm	"	5,648	1,903,320
Fringes, cords and tassels	—	—	912,252
Frit, enamel	—	—	1
Fruit drinks	—	—	142,376
Fruit juices, canned, bottled, etc., including grape juice	lb.	39,478,641	3,259,429
Fruit peel, candied*	"	2,928,802	830,955
Fruit pulp	—	—	1
Fruit, canned:*			
Apples, including crab apples	lb.	9,898,135	934,545
Apple sauce	"	3,358,834	351,860
Apricots	"	4,669,218	791,070
Blackberries	"	301,546	59,904
Blueberries	"	1,319,778	272,185
Cherries	"	6,397,045	1,041,771
Loganberries	"	493,680	109,983

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Alphabetical List of Commodities, 1952 — Continued

Items	Unit of measure	Quantity	Value of factory shipments
			$
Fruit canned — Concluded:*			
Peaches	lb.	39,493,349	5,702,541
Pears	"	13,331,760	1,785,329
Plums	"	7,335,789	691,702
Raspberries	"	2,790,944	654,768
Rhubarb	"	204,160	17,117
Strawberries	"	4,508,416	1,019,275
Other fruits, not specified, pineapple, fruit salad, etc.)	"	6,366,273	1,244,359
Fruits, fountain*	—	—	389,515
Fruits, glacé*	lb.	4,782,880	1,680,780
Fruits, maraschino cherries*	"	3,033,243	1,671,441
Fruits, frozen for re-processing*	"	9,858,831	1,853,349
Fruits, frozen, not for reprocessing*	"	6,646,600	1,656,485
Fruits in SO_2 for reprocessing*	"	10,267,792	906,772
Fruits, not specified*	—	—	667,595
Fuel, hog*	—	—	340,453
Funnels, sheet metal	—	—	1
Fur dressing and dyeing	—	—	6,061,850
Fur trimmings	—	—	2,078,777
Fur, remodelling, repairing, etc.	—	—	6,064,995
Furnaces, electro-matallurgical	No.	56	256,756
Furnaces, warm air	"	83,874	13,789,704
Furnaces, industrial, other	—	—	1,072,033
Furnaces, not specified, and furnace parts	—	—	1,177,978
Furniture, wood:			
Camp, lawn and verandah	—	—	579,016
Children's	—	—	2,663,820
Household:			
Bedroom	—	—	24,727,196
Breakfast-room	—	—	768,619
Dining-room	—	—	4,686,578
Kitchen	—	—	3,723,772
Living-room (not upholstered)	—	—	5,973,950
Other	—	—	4,387,538
Office, store and restaurant	—	—	15,223,791
School, church, lodge, etc.	—	—	7,438,372
Other, furniture and cabinet work, n.e.s.	—	—	5,602,433
Furniture, metal:			
Breakfast room	—	—	9,736,773
Camp, lawn and verandah	—	—	1,199,824
Household (including chrome)	—	—	6,483,821
Office, store and restaurant, etc.	—	—	11,562,175
Other, not specified	—	—	3,305,339
Furniture, wood or metal:			
Living room (upholstered)	—	—	33,257,307
Theatre	—	—	824,775
Not specified (upholstered)	—	—	2,931,306
Furniture, not specified:			
Camp, lawn and verandah	—	—	60,365
Office, store, church, etc.	—	—	171,687
Not specified	—	—	1,849,479
Furniture frames and parts:			
Wood	—	—	3,950,534
Metal	—	—	244,493
Not specified	—	—	1,474
Furniture glides	—	—	152,678
Fuses and fuse wire	—	—	3,688,878
Gaiters, spats and leggings	—	—	227,983
Galvanized ware	—	—	1,849,761
Games, not specified	—	—	1,700,378
Garage equipment, n.e.s.	—	—	1,137,166
Gas made:*			
Retort coal gas	M cu. ft.	10,343,328	
Coke oven gas	"	55,008,050	
Producer gas	"	1,087,934	
Water gas	"	11,083,345	
Other	"	1,128,761	
Gas, dry, natural*	"	32,192,859	2,080,911
Gas sold	"	26,277,503	30,911,194
Gas used in own coke or gas plant	"	15,116,728	3,362,287
Gas used in associated metallurgical work	"	34,304,407	6,966,446
Gas, otherwise accounted for, but not sold	"	486,848	237,393
Gas, not accounted for	"	2,116,545	1,335,122
Gas, still, from petroleum refineries	"	19,602,387	9,967,433
Gas, oil, pintsch	"	43,987	619,806
Gases, liquifying, petroleum*	—	—	3,489,370
Gasoline*	Imp. gal.	2,063,056,519	329,531,770
Gates	No.	21,449	520,122
Gauges, pressure	—	—	428,885
Gauges, plug, ring, thread, etc.	—	—	1,039,613
Gears, rubber tired, truck, trailers, etc.	—	—	1,253,666
Gears, transmission	—	—	1
Gelatine	—	—	1
Generators:			
Alternating current	No.	255	16,803,930
Direct current	"	456	702,355
Generators, engine driven	—	—	1
Generator parts	—	—	211,829
Glass, bevelled and polished edge, plates and sheets	—	—	1,363,753
Glass, cut	—	—	889,428
Glass, leaded, including memorial windows	—	—	232,521

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Alphabetical List of Commodities, 1952 — Continued

Items	Unit of measure	Quantity	Value of factory shipments
			$
Glass, non-shatterable	—	—	12,519,133
Glass, pressed, blown and drawn including bottles, sealers, windows, kitchenware, etc.	—	—	37,078,343
Glass vials and chemical glass ware	—	—	484,433
Glass products, other, including windshield glass	—	—	1,529,686
Glasses, sun	—	—	1
Gloves and mittens, fabric, dress:			
Cotton, women's	doz. pr.	33,834	396,570
Cotton, children's	"	1,514	12,661
Rayon and silk, women's and children's	"	75,820	641,565
Other, including nylon, chamoisette, etc.	"	75,941	967,386
Gloves and mittens, fabric, work:			
Cotton, men's	"	605,386	1,903,023
Cotton, women's	"	4,685	16,915
Not specified	"	72,560	383,890
Gloves and mittens, fabric, not specified	"	125,372	810,438
Gloves and mittens, knitted	"	252,518	1,991,651
Gloves and mittens, leather, dress:			
Men's, lined	"	98,036	2,612,518
Men's, unlined	"	32,092	833,597
Women's and children's, lined	"	29,523	428,282
Women's and children's, unlined	"	21,155	594,485
Gloves and mittens, leather, work:			
Men's, lined	"	66,295	907,719
Men's, unlined	"	408,411	4,582,195
Women's and children's, lined	"	45,773	456,196
Women's and children's, unlined	"	6,436	53,413
Gloves and mittens, leather, sport (See also, "Sport gloves and mittens, baseball, hockey, etc.")	"	22,638	243,677
Gloves and mittens, fur and fur-lined	—	—	1
Gloves and mittens, n.e.s.	doz. pr.	42,926	222,227
Gloves, rubber and rubberized*	"	198,215	1,012,475
Glucose	—	—	1
Glue (bone, hide, fish, and vegetable)	lb.	47,199,655	7,296,373
Glue stock	"	39,634,718	476,319
Glutamate, mono-sodium	—	—	1
Gluten feed	—	—	1
Gluten, wheat	—	—	1
Glycerine, crude	lb.	4,526,459	1,056,569
Glycerine, refined	"	9,204,269	3,285,697
Glycols, not specified	—	—	1
Gold alloys	—	—	3,664,948
Gold, fine	—	—	736,400
Gold leaf	—	—	1
Golf clubs (complete)	No.	168,806	1,097,821
Golf supplies, including golf bags, carts, etc. (See also, "Balls, golf")	—	—	160,219
Grains, roasted	lb.	123,031	8,198
Grains sold wet and dry (Brewers' and distillers')*	ton	195,470	3,294,555
Granite monuments	—	—	2,693,091
Granite, for building purposes	—	—	503,307
Granules, roofing	—	—	1
Grape concentrate	—	—	1
Grape juice (included in "Fruit juices")			
Graphite (included in "Electrodes, carbon and graphite")			
Grate bars and grating	—	—	1,065,116
Gravy preparations	—	—	119,782
Grease	—	—	963,720
Grease, lubricating*	—	—	4,757,608
Grills and hot plates, electric, including stoves for glass coffee-makers	No.	210,252	1,030,732
Grinding machines (metal working)	—	—	243,561
Guanidine nitrate	—	—	1
Gums, unvulcanized*	lb.	1,441,949	441,386
Gymnasium supplies, not specified	—	—	186,262
Gypsum blocks and sheathing	sq. ft.	5,324,807	206,152
Hair, animal*	lb.	4,728,699	1,756,865
Hair cloth*	sq. yd.	1,304,141	1,311,520
Hair nets (included in "Hair dressing equipment and accessories")			
Hair, processed	—	—	1
Hair goods, not specified	—	—	57,482
Hair dressing equipment and accessories	—	—	448,013
Halters, leather	No.	45,383	83,363
Hammocks	"	779	33,495
Handkerchiefs	doz.	697,608	970,768
Handles, broom and mop	No.	12,520,479	730,130
Handles, long tool and axe	"	2,641,721	1,359,870
Handles, small tool	"	15,612,317	815,982
Handles, n.e.s.	—	—	445,039
Handling equipment, n.e.s.	—	—	1,588,168
Hangers, garment	—	—	1,157,436
Hardware, appliance (for refrigerators, etc.)	—	—	250,655
Hardware, automobile	—	—	7,312,044
Hardware, builders'	—	—	13,742,959
Hardware, furniture	—	—	2,452,363
Hardware, harness and saddlery	—	—	307,576
Hardware, pole-line (line materials, distribution specialties, etc.)	—	—	10,212,583
Hardware, trunk and suitcase	—	—	327,950
Hardware, not specified	—	—	4,685,290
Harness, double	set	951	90,134
Harness, single	"	1,079	58,812
Harness collars	No.	16,191	118,590
Harness parts	—	—	498,444

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Alphabetical List of Commodities, 1952 — Continued

Items	Unit of measure	Quantity	Value of factory shipments
			$
Harrows, disc (horse or tractor drawn)	No.	33,422	6,101,559
Harrows, drag and spring tooth	"	52,221	882,382
Harrow carts	—	—	1
Hassocks	—	—	347,258
Hat blocks	No.	2,924	50,287
Hats, cotton:			
Men's	doz.	8,685	157,253
Women's	"	9,967	132,415
Children's	"	16,977	104,702
Hats, fur felt:			
Men's	"	103,989	5,274,903
Women's and children's	"	45,083	2,178,763
Hats, linen, women's	"	1,940	29,240
Hats, wool felt:			
Men's	"	19,360	395,005
Women's	"	90,209	2,437,889
Children's	"	8,347	123,892
Hats, velour felt:			
Women's	"	30,786	1,610,684
Other	"	1,241	48,605
Hats, straw:			
Men's	"	5,526	133,105
Women's	"	135,871	5,013,694
Children's	"	39,749	261,579
Hats, panama	"	12,219	320,671
Hats, silk and rayon, women's and children's	"	15,906	326,536
Hats, velvet, women's and children's	"	43,170	1,213,438
Hats, wool, women's and children's	"	11,175	430,728
Hats, waterproofed	"	404	7,012
Hats, not specified:			
Men's	"	15,816	73,270
Women's	"	26,063	461,221
Children's	"	9,989	78,908
Tams, berets and turbans	"	16,088	372,115
Headwear, not specified	"	102,433	1,015,179
Hats and caps, fur	No.	8,547	72,881
Hats, cleaned and reblocked	—	—	26,200
Hat bodies	doz.	137,332	1,668,707
Hatters' supplies, including hat linings	—	—	189,945
Hay loaders	No.	6,019	1,175,843
Hay rakes, dump, tedders, etc.	"	18,744	3,211,930
Hay balers, hay carriers, etc.	"	3,781	3,155,172
Heading, barrel	—	—	670,600
Hearing aids	—	—	1
Heaters, air, electric	—	—	830,366
Heaters, auto and engine	No.	536,972	5,233,459
Heaters, boiler, feed, water	—	—	1
Heaters, electric, unit	No.	32,486	4,270,812
Heaters, water tank, coal, wood or oil	"	2,332	89,184
Heaters, water tank, gas	"	32,834	1,641,907
Heaters, water tank, electric	"	194,745	1,943,598
Heaters, water, electric, incl. tank and controls	"	16,513	1,069,509
Heaters, not specified	—	—	50,144
Heating and ventilating equipment, not elsewhere specified	—	—	13,146,703
Hectograph composition	—	—	47,850
Heels, leather and wood	pr.	19,877,034	2,712,131
Heels, rubber and composition*	"	13,785,961	1,534,085
Heel lifts	—	—	28,187
Helmets	doz.	5,478	42,377
Hexaclorethane	—	—	1
Hides, all kinds	—	—	9,408,975
Hockey pucks*	doz.	23,840	30,979
Hockey sticks	No.	1,268,058	912,648
Hoes, hand	"	219,582	226,542
Hoists	—	—	6,488,104
Hollow-ware, copper	—	—	1
Hollow-ware, sterling silver	—	—	369,178
Hollow-ware, silver-plated on Britannia metal	—	—	128,809
Hollow-ware, silver-plated on brass and copper	—	—	1,740,420
Hollow-ware, silver-plated on lead alloy	—	—	121,445
Hollow-ware, silver-plated on nickel-silver	—	—	75,974
Hollow-ware, other	—	—	296,251
Honey butter	—	—	1
Hooks, eyes, notions, etc., not elsewhere specified	—	—	315,882
Hoops, wooden*	M	2,233	71,678
Hoops, steel and steel wire	"	4,655	160,315
Hooves and horns	lb.	1,160,292	24,865
Hormones, sex	—	—	2,502,689
Horseradish, prepared*	lb.	333,506	161,010
Horseshoes	—	—	279,386
Hose, fire, cotton or linen	—	—	1
Hose, garden, koroseal	lb.	329,856	192,840
Hose, rubber, fire, radiator, steam, etc.*	—	—	9,972,772
Hosiery:			
Cotton and cotton mixtures:			
Men's, seamless:			
Work socks	doz. pr.	132,208	501,817
Fine socks	"	215,984	1,070,963
Other (anklets, sports, etc.)	"	252,124	1,219,119
Women's, seamless:			
Full length stockings	"	265,527	1,181,804
Other (anklets, sports, etc.)	"	437,556	1,084,923

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Alphabetical List of Commodities, 1952 — Continued

Items	Unit of measure	Quantity	Value of factory shipments
			$
Hosiery — Concluded:			
Cotton and cotton mixtures — Concluded:			
Children's, seamless:			
Full length stockings	doz. pr.	477,182	1,185,152
Golfers	"	71,254	234,393
Other	"	1,136,238	2,581,945
Full fashioned (all types)	"	44,724	403,202
Silk and silk mixtures, seamless and full-fashioned	"	20,426	268,841
Rayon and rayon mixtures:			
Men's, seamless	"	66,478	333,508
Women's seamless	"	91,643	301,044
Children's, seamless	"	66,484	217,389
Full-fashioned (all types)	"	37,008	331,156
Nylon:			
Seamless	"	740,710	5,107,669
Full-fashioned	"	3,712,970	33,953,665
Wool and wool mixtures:			
Men's, seamless:			
Work socks	"	784,922	5,466,336
Fine socks	"	561,940	5,266,078
Other	"	307,572	2,552,818
Women's, seamless:			
Full length stockings	"	44,580	411,040
Other (anklets, etc.)	"	71,638	425,986
Children's, seamless;			
Full length stockings	"	110,032	662,278
Golfers	"	124,973	703,009
Other (half length, anklets, etc.)	"	82,081	351,250
Hosiery, not specified	"	169,956	951,837
Houses, pre-fabricated	—	—	8,025,346
Humidifiers and air conditioners	No.	236	18,434
Hydrants	—	—	961,669
Hydrogen	—	—	1
Hydrogen chloride, anhydrous	—	—	1
Hydrogen peroxide	—	—	1
Hydrol	—	—	1
Ice, artificial	ton	957,141	6,225,231
Ice cream (factory)	gal.	27,234,342	46,435,387
Ice cream mix	"	1,886,473	3,099,026
Icings and icing paste n.e.s.	—	—	285,022
Implements, hand, n.e.s.	—	—	244,871
Incense	lb.	9,957	15,757
Incubators and other poultrymen's supplies	—	—	466,940
Infants' wear (See also "Knitted Infants' Wear")			
Bibs	doz.	76,097	143,115
Coats	"	26,444	1,955,400
Dresses	"	106,404	1,543,405
Diapers	"	105,783	242,140
Headwear	"	68,595	350,849
Night gowns	"	46,628	245,053
Rompers	"	49,084	575,819
Sleepers (See also "Children's sleepers")	"	30,345	412,433
Sleeping bags	"	10,401	536,564
Slips	"	5,185	41,929
Not specified	—	—	80,909
Ingots (See "Aluminum", "Steel," "Brass," "Bronze")			
Ink eraser, liquid	—	—	1
Ink, printing and lithographing	lb.	22,068,770	9,375,202
Ink, writing	—	—	314,191
Ink, not specified	—	—	273,517
Insecticides	—	—	3,463,511
Instruments, scientific, n.e.s.	—	—	11,305,386
Insulating materials, n.e.s.	—	—	1,677,605
Insulators, porcelain and insulator parts	—	—	7,057,226
Interoffice communication sets, excluding telephone apparatus provided	—	—	80,187
Iron, pig:			
Quantity made	ton	2,681,585	—
Quantity sold	"	752,963	37,998,156
Iron and steel products, rolled, n.e.s.	"	123,713	15,236,347
Irons, electric	No.	426,054	2,932,996
Irons, gasoline	—	—	1
Ironers, electric	No.	20,007	927,562
Iron work, ornamental and architectural	—	—	12,267,008
Ironing boards	—	—	111,799
Isobutylene	—	—	1
Jacks, auto	—	—	1
Jacks, lift, screw and ratchet	No.	16,649	66,609
Jams*	—	—	12,629,025
Javelle water	—	—	6,366,873
Jellies*	—	—	973,066
Jewellery	—	—	18,458,562
Jigs and fixtures	—	—	3,397,938
Jointers, woodworking	No.	2,825	146,698
Jute, jute paddings and jute yarn	—	—	1,893,234
Kegs, beer	No.	5,745	101,577
Kegs, fish	"	3,634	12,156
Kegs, nail, etc.	—	—	1,031,432
Kerosene*	Imp. gal.	16,298,982	2,699,297
Kettles, electric	—	—	1
Kitchen equipment for hotels, cafeterias, etc.	—	—	5,013,764
Kitchenware, aluminum, including pressure cookers	—	—	8,142,097

1. Indicates the commodity was reported by only one or two concerns.

Alphabetical List of Commodities, 1952 — Continued

Items	Unit of measure	Quantity	Value of factory shipments
			$
Kitchenware and ovenware, glass, (included with "Glass, pressed and blown")			
Kitchenware, other (See also "Woodenware, kitchen")	—	—	4,142,652
Knitted fabrics:			
Cotton stockinette, including meatwrap	—	—	1,898,490
Cotton, not specified	lb.	1,852,490	2,400,036
Nylon	"	1,313,200	6,694,870
Rayon	"	4,534,184	5,608,619
Wool	—	—	2,006,342
Other	—	—	13,806
Knitted goods, miscellaneous:			
Infants' jackets, booties, etc.	doz.	352,151	3,502,176
Not specified	—	—	22,156
Knitting, custom	—	—	382,452
Knives, pocket including army service knives	—	—	1
Knives, machine	—	—	1,309,554
Knives, bread, paring, etc.	—	—	254,580
Labels, gummed paper	—	—	810,450
Labels, fabric	—	—	1,787,053
Lace, all kinds	—	—	1,381,395
Laces, corset	—	—	54,003
Laces, shoe, (silk, cotton, etc.)	—	—	1,120,247
Laces, shoe, leather	doz.	4,482	3,793
Lacquers	Imp. gal.	2,002,642	6,655,402
Lacrosse sticks	—	—	1
Lactose (see "Sugar of Milk")			
Ladders, step, extension, etc.	—	—	1,363,524
Lamps, incandescent, except therapeutic (bulbs)	No.	87,636,506	12,930,834
Lamps, fluorescent (bulbs)	"	4,098,522	2,817,174
Lamps, photo flash (bulbs)	"	9,228,384	1,067,828
Lamps, electric:			
Floor:			
Incandescent	—	—	3,384,979
Fluorescent	—	—	1
Table:			
Incandescent	—	—	3,247,813
Fluorescent	—	—	25,936
Other:			
Incandescent	No.	129,975	261,397
Fluorescent	—	—	1
Lamps, other than electric	—	—	338,378
Lamp shades and wire frames	—	—	2,444,030
Lamp stands and lamp bases	—	—	1
Lanterns, including railway, marine, etc.	—	—	1
Lard	lb.	120,433,198	13,660,305
Lasts, trees, and shoe findings, not specified	—	—	1,387,905
Latex compounds	—	—	1
Latex, foamed (included in "Rubber goods, sponge and soft")			
Lathes, metal-working	No.	375	2,972,333
Lathes, wood-working	"	1,472	103,901
Lath, metal	—	—	2,880,367
Lath, gypsum*	sq. ft.	202,987,638	6,004,908
Laths, wood*	M	112,331	1,242,818
Laundry dryers	—	—	1,330,384
Lead, naphthenate	—	—	1
Lead, refined	lb.	42,689,207	7,415,042
Lead, red	"	2,778,475	561,542
Lead, white, dry	—	—	1
Lead, white, ground in oil	lb.	1,531,024	296,025
Lead, sheet	"	4,552,827	1,034,702
Lead products, n.s.	—	—	704,087
Lead for pencils	—	—	121,082
Leather:			
Belting	lb.	337,931	354,134
Bag, case and strap	sq. ft.	2,413,430	1,141,877
Garment	"	3,315,406	938,771
Glove	—	—	3,967,223
Harness	lb.	859,220	543,891
Lace	"	121,183	181,983
Oil tanned, shoe-pack	"	159,674	64,360
Sole:			
Bellies	"	2,548,523	847,464
Bends	"	8,444,531	5,455,037
Shoulders	"	3,100,494	1,521,157
Upholstering (Included in "Leather, not specified")			
Upper leather:			
Calf skins	sq. ft.	8,891,766	5,695,391
Cattle and horse hides	"	42,193,569	15,418,297
Chrome splits	"	9,610,480	1,741,658
Goat skins	"	1,013,948	355,781
Sheep skins	"	932,889	203,148
Wax splits	"	1,184,059	224,003
Patent and enamelled shoe leather(included in "Other upper leather not specified")	"	3,326,283	1,216,683
Other, not specified	—	—	692,518
Leather splits, not specified	—	—	2,489,585
Leather, not specified	—	—	6,152,739
Leather, artificial*	—	—	132,042
Leather goods, not specified	—	—	1
Lecithin	—	—	1
Lemon butter and cheese	—	—	3,020,012
Lenses, optical			

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Alphabetical List of Commodities, 1952 — Continued

Items	Unit of measure	Quantity	Value of factory shipments
			$
Lenses, optical, contact	—	—	1
Life buoys, jackets, belts, etc.	—	—	226,331
Lighter fluid	—	—	449,486
Lighters, cigarette	No.	674,434	1,344,732
Lightning rods and supplies	—	—	384,338
Lignosulphonates	—	—	1
Lime, quick (including value of containers)	—	—	14,231,687
Limestone (building and monument)	—	—	2,485,287
Line material (See also "Hardware, pole-line")	—	—	278,186
Linings, brake, asbestos	—	—	3,378,753
Linings, glove and shoe	—	—	1,256,771
Linings, not specified	—	—	1
Litharge	lb.	8,834,193	1,648,360
Locomotives, diesel-electric, new*	No.	226	38,306,186
Locomotives and car parts, n.e.s.*	—	—	16,179,109
Looms, weaving	—	—	119,085
Lubricating systems, automobile and other	—	—	1,241,235
Lumber, matched	M ft. b. m.	210,170	18,822,244
Lumber, planed*	"	2,862,930	230,006,551
Lumber, sawn*	"	5,037,029	341,885,440
Lumber, not specified	—	—	7,690,018
Lye	—	—	1
Macaroni and spaghetti, canned*	—	—	4,245,416
Macaroni, vermicelli, spaghetti, etc., dry	lb.	68,803,796	8,471,903
Machinery:			
Accounting machines	—	—	1
Adding and other calculating	No.	16,726	2,293,879
Bakers', mixing	"	798	611,764
Bakers', not elsewhere specified	—	—	1
Boring (metal-working)	No.	22	1,023,071
Bottlers'	—	—	142,783
Canning and parts	—	—	1,451,474
Chlorinating	—	—	1
Cleaning and pressing (included in "Laundry, cleaning and pressing")			
Coal handling and coal pulverizing	—	—	1,667,072
Concrete and cement making	—	—	1,816,649
Conveying and elevating (except passenger and freight elevators) and parts	—	—	13,026,764
Dairy, including milking machines	—	—	2,760,673
Flour and grist mill, not elsewhere specified	—	—	469,760
Grain grinding, cleaning, etc.	No.	4,929	305,359
Grain loaders and elevators	—	—	4,716,020
Hoisting, except mine hoists	—	—	8,015,945
Kitchen and other household	—	—	1,054,461
Knitting	—	—	1
Laundry, cleaning and pressing	—	—	2,673,289
Leather working	—	—	2,300,108
Logging	—	—	2,089,241
Lumber and shingle drying	—	—	1
Metal-working, not elsewhere specified	—	—	1
Milking (included in "Machinery, Dairy")			
Milling (metal-working)	No.	87	1,031,149
Mining and metallurgical, not elsewhere specified, and parts	—	—	8,097,279
Office, n.e.s.	—	—	10,059,087
Oil refining	—	—	1,534,481
Paint making	—	—	1
Plastic	—	—	128,624
Printing	—	—	288,379
Pulp and paper	—	—	22,446,482
Road and excavating	—	—	4,862,847
Rolling mill	—	—	2,148,148
Rubber mill	—	—	1,232,834
Saw and planing mill	—	—	2,652,246
Sewing	—	—	1
Ships' and fittings	—	—	6,485,116
Stone working	—	—	1,088,915
Textile, n.e.s.	—	—	649,606
Transmission	—	—	3,127,415
Vulcanizing	—	—	1
Washing machines:			
Electric	No.	242,758	26,278,816
Hand	"	641	12,915
Other power	—	—	1,324,127
Watersoftener equipment	—	—	1
Wood-working, n.e.s.	—	—	1,021,684
Other, not specified	—	—	12,646,803
Machinery parts, not specified	—	—	1,655,820
Malt, made for sale	—	—	1
Malt, caramel (made for colouring)	—	—	1
Malt flour	lb.	877,100	85,561
Malt extract and syrup	"	6,814,162	995,014
Malt coomings and sprouts	—	—	1
Manganese naphthenate	—	—	1
Mantles, lamp	—	—	645,888
Manure spreaders and loaders	No.	8,613	2,641,943
Maple butter	—	—	1
Maps	—	—	934,617
Marble chips and dust	—	—	1,443
Marble monuments	—	—	682,294
Marble for building purposes	—	—	444,054
Margarine	lb.	112,188,162	30,306,675

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Alphabetical List of Commodities, 1952 — Continued

Items	Unit of measure	Quantity	Value of factory shipments
			$
Marine and fishermen's supplies	—	—	382,619
Marmalades*	lb.	19,726,917	3,483,488
Match splints and match blocks	—	—	1
Matchers (wood-working)	—	—	1
Matches	—	—	4,776,896
Mats and matting, rubber*	—	—	2,872,347
Mattresses, including air and sponge	—	—	18,213,780
Meal, alfalfa*	ton	43,567	2,165,500
Meal, barley*	"	2,248	150,829
Meal, cereal grass*	"	13,683	1,036,007
Meal, cocoanut oilcake	—	—	1
Meal, corn	ton	5,175	644,690
Meal, fish*	"	44,569	5,874,500
Meal, linseed oilcake	"	59,072	4,981,043
Meal, meat, hoof, lung, liver, etc.	lb.	38,671,689	2,157,349
Meal, pea	ton	14	1,144
Meal, rice	—	—	1
Meal, rye	ton	772	75,367
Meal, sunflower oilcake	—	—	1
Meal, soybean oilcake	ton	171,390	15,474,894
Meats, canned:			
Beef:			
Spiced beef	lb.	817,546	418,187
Beef stews and boiled dinners*	"	15,221,782	4,413,906
Other including corned beef, beef sausage, roast beef, etc.	"	2,506,236	938,251
Pork:			
Spiced pork and ham	"	89,475,261	48,697,597
Roast pork and ham	"	25,781,057	18,735,930
Sausage	"	1,064,647	567,219
Other including bacon, devilled ham, pigs' feet, etc.	"	981,360	538,124
Poultry*	"	1,966,583	1,675,533
Miscellaneous:			
Weiners	"	815,484	413,432
Meat paste (included in "Paste, meat and chicken")			
Meat lunch	"	116,976	53,064
Other, including bologna, lunch tongue, etc.	"	7,181,469	3,075,984
Meats, cooked, all kinds	"	49,883,009	30,308,963
Meats, cured:			
Bacon and sides	"	83,406,478	37,224,535
Beef, salted and cured	"	3,735,650	1,152,821
Hams	"	53,936,017	30,356,924
Pork, salted	"	20,229,345	5,601,086
Shoulders	"	45,514,392	22,097,188
Other	"	29,479,016	9,817,220
Meats sold fresh:			
Beef	"	577,570,096	253,655,833
Fancy meats	"	55,439,069	12,996,462
Horse	"	4,307,634	502,796
Mutton and lamb	"	21,646,874	10,416,556
Pork	"	351,619,657	125,674,328
Poultry	"	30,968,954	13,636,048
Veal	"	61,194,686	26,948,658
Other	"	483,573	215,547
Meats sold frozen:			
Beef	"	45,378,504	19,628,458
Fancy meats	"	5,863,910	1,375,845
Horse	"	3,455,809	333,201
Mutton and lamb	"	3,023,756	1,605,166
Pork	"	52,856,123	19,507,247
Veal	"	2,936,246	1,304,830
Other	"	157,853	62,587
Meat scrap	"	96,784,587	4,944,030
Medicines and pharmaceuticals, n.e.s.:			
Registered as patent medicines (all ingredients not declared)	—	—	17,598,085
Ethical specialties for human use, n.e.s.	—	—	27,367,971
Oral antiseptics	—	—	765,012
All other human medicines	—	—	4,274,390
Metal products, not specified	—	—	629,446
Meters, gasoline	—	—	1
Meters, water	—	—	1
Meters, not specified and meter parts	—	—	703,217
Methyl hydrate, refined	—	—	1
Mica products	—	—	489,473
Military web equipment	—	—	1
Milk, sold in dairy factories	gal.	153,762,185	111,167,067
Milk, transferred to other branches of the firm	"	11,657,843	3,748,114
Milk, buttermilk, sold	—	—	1,289,268
Milk, buttermilk, condensed	lb.	296,255	10,263
Milk, condensed	"	16,062,383	2,702,046
Milk, evaporated	"	306,226,520	37,949,107
Milk, skim	-	—	2,113,845
Milk, skim, condensed	lb.	4,217,579	464,997
Milk, skim, evaporated	"	11,660,753	514,594
Milk products, not specified	—	—	2,293,968
Milk drinks, (see "Food drinks")			
Milling cutters	—	—	543,622
Mincemeat	lb.	7,185,726	1,176,404
Mine timbers, props, wedges, etc.*	—	—	1,999,771
Mirrors	—	—	4,035,712

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Alphabetical List of Commodities, 1952 — Continued

Items	Unit of measure	Quantity	Value of factory shipments
			$
Modelling clay	—	—	1
Molasses	ton	43,136	1,487,765
Monuments, lettered only	—	—	428,087
Monuments, (see "Granite", "Limestone" and "Marble")			
Monuments, artificial stone, bases, etc.	—	—	175,852
Mops:			
Floor	doz.	242,826	1,835,000
Dust	"	59,069	552,808
Dish	"	55,637	80,287
Other, not specified	—	—	295,478
Mop parts	—	—	83,991
Mortisers (wood working)	No.	76	45,816
Motor driven appliances and equipment	—	—	908,155
Motors, electric, A.C. and D.C. (except starting motors)	No.	1,030,611	33,104,721
Motors, other, and parts	—	—	3,115,837
Moulders, wood-working	No.	25	237,032
Mouldings	—	—	9,021,613
Moulding, metal	—	—	1
Moulds for bakelite and rubber	—	—	1,578,607
Mould stools, ingot	—	—	1
Mounting (trade work)	—	—	1,291,574
Mowers, hay (horse and tractor)	No.	22,050	4,013,947
Mowers, lawn	"	43,254	1,266,582
Mucilage	—	—	156,946
Muffs, fur	No.	473	10,483
Muff beds	doz.	749	21,840
Munitions and other war supplies	—	—	22,345,379
Muriate of potash	ton	1,728	99,155
Music, printed	—	—	157,801
Musical powder boxes and music boxes	—	—	1
Musical instruments and parts, n.e.s.	—	—	172,464
Mustard, dry	lb.	478,596	179,720
Mustard, prepared	—	—	1,474,447
Mustard compound	lb.	118,321	30,044
Nails, aluminum	—	—	294,590
Nails, brass and copper:			
Quantity made	lb.	157,810	
Quantity shipped	"	157,714	79,969
Nails and spikes cut from plate:			
Quantity made	kegs	11,673	
Quantity shipped	"	13,875	171,718
Nails, tacks and brads, wire:			
Quantity made	"	1,655,192	
Quantity shipped	"	1,589,429	12,731,719
Nails, horseshoe and other, n.e.s.	—	—	206,339
Naphthalene	—	—	1
Naphtha V.M. and P. or solvent*	Imp. gal.	30,177,360	5,909,316
Napkins, paper	M	2,355,018	2,735,822
Napkins, sanitary	—	—	8,143,237
Neckties	doz.	903,300	7,387,790
Neckwear, women's	"	58,900	338,637
Neck pieces, fur	No.	20,122	541,405
Needles, knitting machine	—	—	1
Needles, knitting, other	—	—	54,012
Nickel-silver, n.e.s.	lb.	239,991	184,786
Nightdresses:			
Cotton and flannelette	doz.	78,074	1,469,336
Silk, nylon and rayon	"	115,989	3,466,000
Night dresses, knitted and other n.e.s.	"	28,543	809,051
Nightshirts	"	4,192	107,392
Nitrobenzol	—	—	1
Nitrogen	—	—	1
Nitrous oxide	—	—	1
Non-ferrous alloys, n.e.s.	lb.	429,808	119,390
Novelties, advertising and other, n.s.	—	—	993,766
Novelties, plastic	—	—	1,746,706
Novelties, printed	—	—	1,337,750
Nuts, roasted, salted, etc. (See also "Peanuts, roasted, salted")	lb.	2,387,544	2,696,844
Nylon fabric (See "Silk and synthetic fabrics" and "Knitted fabrics")			
Oars and paddles	—	—	139,936
Oats, rolled	ton	41,215	6,495,709
Oatmeal	"	1,839	220,934
Offal, not specified	"	59,552	2,802,832
Oil burners and parts	—	—	12,276,423
Oilcloth, other than floor	—	—	1
Oil, aniline	—	—	1
Oil, cocoanut, crude and processed	lb.	50,852,465	6,131,992
Oil, cooking (blended)	—	—	1
Oil, core	—	—	701,507
Oil, corn, crude	—	—	1
Oil, corn, refined	—	—	1
Oil, cotton seed	lb.	11,037,048	2,098,921
Oil, creosote	gal.	11,948,307	3,277,255
Oil, fish (vitamin)*	lb.	7,737,399	1,543,453
Oil, fish, (industrial)*	"	28,760,102	1,929,653
Oil, fish, n.s.	"	284,375	8,574
Oil, fuel:*			
Aviation turbine	Imp. gal.	13,251,583	2,325,762
Diesel	"	339,911,998	40,896,525

1. Indicates the commodity was reported by only one or two concerns.

Alphabetical List of Commodities, 1952 — Continued

Items	Unit of measure	Quantity	Value of factory shipments
			$
Oil, fuel — Concluded:			
Heavy fuel oil:			
For own use	Imp. gal.	171,062,786	14,162,451
For sale	"	956,764,917	71,381,895
Light fuel oil:			
For own use	"	259,017	33,681
For sale	"	544,068,196	70,014,104
Tractor	"	13,082,116	1,919,914
Oil, fusel (sold)*	"	21,786	15,164
Oil, lard	—	—	1
Oil, light, n.e.s.	—	—	1
Oil, linseed, boiled	Imp. gal.	622,056	1,148,468
Oil, linseed, raw	"	4,085,762	7,066,498
Oil, linseed, special	—	—	7,071,334
Oil, lubricating*	—	—	33,881,034
Oil, neatsfoot	lb.	523,153	79,882
Oil, oleo	"	2,158,767	252,924
Oil, palm and palm kernel	—	—	1
Oil, peanut	lb.	1,251,384	399,107
Oil, soybean	"	77,230,965	11,411,831
Oil, stand blown, enamel, etc.*	—	—	118,410
Oil, blended salad	—	—	1
Oil, stove*	Imp. gal.	239,771,404	35,059,492
Oils, sulphonated, textile oils and other textile chemicals	lb.	5,600,963	1,019,342
Oil, sunflower seed	"	2,762,599	476,354
Oil, vegetable, n.e.s.	"	29,935,829	5,677,859
Oil, whale	—	—	1
Oils, other n.s.	—	—	1,849,005
Oleo stock	lb.	2,189,416	237,735
Olives, bottled, etc.	gal.	449,339	2,025,646
Optical equipment n.e.s.	—	—	266,214
Organs, electronic	No.	354	543,647
Organs, other, and parts	—	—	1,206,884
Ornaments, n.s.	—	—	777,051
Ovens, commercial, cooking	—	—	1
Ovens, industrial, electric	—	—	1,070,832
Overalls: (See also "Smocks, etc.")			
Bib:			
Men's and youths'	doz.	86,783	3,415,867
Boys'	"	14,199	253,098
Coveralls:			
Men's and youths'	"	41,176	2,656,236
Boys'	"	406	11,105
Dungarees and waist band:			
Men's and youths'	"	171,994	5,270,387
Boys'	"	89,988	2,137,990
Overall coats (jumpers) only:			
Men's and youths'	"	18,689	647,316
Boys'	—	—	1
Smocks, dusters and shop coats	doz.	23,445	1,171,715
Children's, all kinds	"	229,798	3,158,088
Oxygen	cu. ft.	906,123,080	8,015,555
Packing, asbestos	—	—	1,130,931
Packing, rubber*	lb.	1,137,850	453,949
Packing, not specified	—	—	994,904
Packing house equipment	—	—	1
Pads, electric, heating	No.	118,454	460,742
Pads, couch	"	13,436	118,089
Pads, shoulder	doz.	1,873,226	1,999,326
Pads, stamp	—	—	1
Pads, stair*	—	—	186,263
Pads, sweat	No.	47,065	57,530
Pads and padding n.s.	—	—	1,824,978
Pails, paper	No.	9,057,758	317,898
Pails, tin	—	—	570,419
Pails and tubs, wooden, etc.	—	—	24,817
Painting equipment, n.s.	—	—	1,435,957
Paint, varnish and enamel removers	gal.	103,168	298,617
Paints, cement	—	—	1
Paint, latex emulsion	Imp. gal.	1,630,400	7,140,724
Paints, water-thinned:			
Resin emulsion paints, paste and semi-paint form:			
Interior	"	342,829	1,081,657
Exterior	"	28,703	78,202
Casein and other protein bound, (cold water paints):			
Interior	—	—	431,107
Exterior	lb.	2,198,215	235,321
Texture-type water paints	"	1,874,622	148,851
Calcimines:			
Hot water	"	1,629,044	118,786
Cold water	"	659,995	64,174
Paints, ready mixed (including asphalt and tar)	Imp. gal.	10,568,818	40,055,008
Paints, paste (not including water-paste paints)	lb.	4,114,024	1,006,491
Paints and enamels, other (See also "Enamels")	—	—	849,850
Pallets (skids)	—	—	842,426
Panel boards and cabinets (included in "Switch gear and protective equipment")			
Pants, breeches, etc.:			
Breeches:			
Men's and youths':			
Cotton	doz.	161	8,929
Wool and wool mixtures	"	3,029	196,199

1. Indicates the commodity was reported by one or two concerns.

Alphabetical List of Commodities, 1952 — Continued

Items	Unit of measure	Quantity	Value of factory shipments
			$
Pants, breeches, etc. — Concluded			
Breeches — concluded:			
Boys':			
Cotton	doz.	612	21,622
Wool and wool mixtures	"	14,795	473,718
Pants and slacks, fine, separate, dress and sport:			
Men's and youths':			
Cotton or chiefly cotton	No.	111,669	363,674
Rayon	"	734,938	3,638,143
Rayon mixtures, chiefly rayon	"	711,483	3,359,562
Wool	"	1,064,870	10,042,567
Wool mixtures, chiefly wool	"	527,062	2,940,685
Boys':			
Cotton or chiefly cotton	"	164,722	447,306
Rayon	"	359,103	963,359
Rayon mixtures, chiefly rayon	"	374,016	1,025,192
Wool	"	294,031	1,129,897
Wool mixtures, chiefly wool	"	331,653	958,558
Pants, soccer, hockey, etc.	"	29,147	129,805
Pants, uniform, separate:			
Men's and youths':			
Military	"	1,583,563	12,496,956
Non-military	"	118,943	1,082,708
Pants, work:			
Men's and youths':			
Cotton	doz.	193,990	6,669,432
Wool and wool mixtures	"	37,808	1,954,464
Not specified	"	1,453	47,812
Boys':			
Cotton	"	32,119	715,323
Wool and wool mixtures	"	16,190	417,369
Pants, baby (plastic, rubber, etc.)	"	268,098	636,701
Pants, rubberized and oiled	—	—	1
Pants, not specified	doz.	71,528	824,093
Paper:			
Adding machine and cash register	—	—	394,291
Asbestos	—	—	1
Blotting, clay coated and enamelled	—	—	1
Blue print and photostat	—	—	1,820,675
Book (basic)	ton	87,059	19,391,346
Box cover, coloured	—	—	1
Writing pads, tablets, etc.	—	—	1,284,002
Building and roofing paper:			
Asphalt saturated rag and asbestos felt shingles and shingle type sidings	square	2,187,605	16,414,592
Mineral surfaced rag and asbestos felt roll roofing	"	826,116	3,136,388
Smooth surfaced rag and asbestos roll roofing	"	1,062,106	2,587,174
Roll type rag and asbestos felt siding	"	319,328	1,550,300
Tar and asphalt saturated rag and asbestos felts, not coated	ton	48,535	5,055,161
Tar and asphalt saturated and/or coated sheathings	"	15,684	2,371,933
Other felts and sheathings	—	—	35,693
Insulated siding	—	—	1
Building papers, n.s. (basic)*	ton	81,987	6,975,421
Carbon*	—	—	3,405,375
Cigarette tubes and paper	—	—	1
Coated and other paper, n.e.s.	lb.	31,020,546	5,201,655
Corrugated (paper and wrappers)	—	—	1,125,077
Creped or crinkled	lb.	2,876,480	781,537
Fabric	—	—	1
Fine (basic)	ton	94,551	30,843,105
Foolscap	ream	169,760	161,305
Friction or flint glazed	—	—	1
Gummed (in sheets)	—	—	1
Special, industrial (basic)	ton	11,336	3,209,914
Lining, pan, shelf, etc.	—	—	530,316
Parchment, vegetable	—	—	1
Oiled	—	—	1
Paper napkins and doilies (see "Napkins" and "Doilies")			
Newsprint paper: (basic)			
In sheets, for printing	ton	70,761	9,102,444
In rolls for printing	"	5,603,001	588,846,768
Side runs for pulping	"	27,083	1,950,545
Counter rolls	—	—	1
Other	ton	17,795	1,611,409
Printing and specialty paper, ground wood	"	47,451	7,410,185
Safety paper, for cheques, etc.	—	—	928,351
Sanitary (basic)	ton	70,234	15,107,654
Tissue, converted	—	—	591,023
Tissue, other than sanitary, (basic stock)	ton	9,740	3,513,074
Toilet, converted	case	1,362,565	11,339,764
Towels, paper (see "Towels")			
Typewriter	ream	318,905	294,142
Vinylite	—	—	1
Wall paper	—	—	1
Waterproofed, other than waxed, n.e.s.	lb.	16,113,336	1,771,513
Waxed paper:			
Bread wrappers	"	36,308,791	7,459,895
Other, plain and printed	"	45,431,233	9,340,151
Wrapping paper: (basic stock)			
Unbleached sulphate kraft No. 1 and 2	ton	175,514	32,636,763
Bleached sulphate and/or sulphite	"	23,992	6,888,430
Unbleached and semi-bleached sulphite and sulphate	"	2,620	593,942

1. Indicates the commodity was reported by only one or two concerns.

Alphabetical List of Commodities, 1952 — Continued

Items	Unit of measure	Quantity	Value of factory shipments
			$
Paper — Concluded:			
Wrapping paper (basic stock) — Concluded:			
Miscellaneous furnishes	ton	13,309	2,407,458
Wrapping, special	"	6,959	2,811,720
Other, n.e.s.	—	—	18,407
Paper, miscellaneous, n.e.s. (converted)	—	—	579,254
Paper goods	—	—	1,069,291
Paper board:			
Box board (basic stock)*	ton	380,373	48,031,908
Building, rigid, insulating*	"	120,699	12,443,158
Building, other (basic)*	"	51,580	6,058,067
Container board:			
Container chip (basic stock)*	"	7,336	799,216
Corrugating board (basic stock)*	"	132,068	15,224,621
Liners (basic stock)*	"	219,113	26,808,593
Mounting board, photo, etc.	—	—	1
Clay coated and enamelled	lb.	4,179,149	721,629
Coated other, not specified	—	—	4,182,460
Wallboard, building board, n.e.s.	—	—	2,513,000
Wet machine boards (basic)	ton	8,328	1,498,311
All other board and paper n.s.	—	—	810,890
Papeteries (stationery in boxes) See also "Paper — writing pads, tablets, etc.")	—	—	762,752
Parachutes and parachute equipment	—	—	1
Paraldehyde	—	—	1
Paste, adhesive	—	—	589,058
Paste, meat and chicken*	lb.	4,717,801	2,264,900
Paste, flavouring	—	—	1
Paste, tooth (see "Dentifrices")			
Patterns and models, foundry and other, wood and metal	—	—	2,963,657
Patterns, paper	—	—	1,553,056
Peanut butter	lb.	23,658,235	7,327,519
Peanuts, roasted and salted (for sale) (See also "Nuts, salted etc.)	"	22,239,689	7,629,567
Pearls, artificial and simulated	—	—	647,642
Peas, split	ton	1,855	287,396
Peavies, cant hooks and pike poles	—	—	409,101
Pectin (see also "Apple juice concentrate")	—	—	1
Pencils, non-mechanical	gr.	519,536	2,375,051
Pencils, mechanical	doz.	120,988	707,112
Pencil parts	—	—	41,434
Penicillin (Included in "Antibiotics")			
Penicillin preparations	—	—	3,169,057
Penicillin and streptomycin preparations	—	—	573,586
Pennants	—	—	162,584
Pens, fountain and ball point	doz.	575,294	4,470,802
Pens, fountain, ball point and other, parts	—	—	583,901
Pentasol acetate	—	—	1
Perchlorethylene	—	—	1
Percolators, electric	—	—	1
Perfumes	—	—	1,043,102
Periodicals, printed by publishers:			
Newspapers daily:			
Gross revenue from advertising	—	—	94,640,354
Subscriptions and sales	—	—	37,988,053
Newspapers, Weekly and other:			
Gross revenue from advertising	—	—	23,030,598
Subscriptions and sales	—	—	10,668,317
Magazines:			
Gross revenue from advertising	—	—	10,946,897
Subscriptions and sales	—	—	4,950,263
Other publications:			
Gross revenue from advertising	—	—	28,430,989
Subscriptions and sales	—	—	9,662,875
Phenol	—	—	1
Phenacetin	—	—	1
Phonographs, electrically operated (included with "Record players-electrically operated.")			
Phosphorus	—	—	1
Phosphorus sequisulphide	—	—	1
Photo-engraving	—	—	9,343,911
Photographic materials, n.e.s. (including photo paper)	—	—	2,534,557
Photography (Commercial)*	—	—	618,453
Phthalic anhydride	—	—	1
Pianos:			
Grand	No.	87	97,173
Upright	"	5,948	2,327,424
Piano strings and other parts	—	—	569,781
Pickets, wood*	M	5,725	513,320
Pickles, relishes and sauces (see also "Tomato Catsup")*	gal.	5,753,770	11,780,708
Picrite	—	—	1
Pictures, framed	—	—	871,154
Pictures and mirror frames	—	—	681,634
Pies, cakes and pastry (see also "Puddings, cakes, etc., canned")	—	—	66,740,722
Pies, meat*	—	—	1,167,267
Piling, sheet	—	—	1
Pillow cases (included in "Sheets and pillow cases, cotton".)			
Pillow cotton (included in "Cotton fabrics, broad woven")			
Pillows	—	—	1,574,547
Pins, plain and hair pins*	—	—	1,448,393
Pipe and fittings, brass, bronze and copper	—	—	548,732
Pipe and fittings, cast iron, soil	ton	57,929	10,607,597
Pipe and fittings, cast iron, water	"	67,975	8,360,586

1. Indicates the commodity was reported by only one or two concerns.

Alphabetical List of Commodities, 1952 — Continued

Items	Unit of measure	Quantity	Value of factory shipments
			$
Pipe and fittings, cast iron, other	—	—	3,931,813
Pipe, lead	lb.	3,318,046	843,409
Pipe fittings, malleable iron	ton	8,266	6,380,204
Pipe, sewer, clay	—	—	2,982,991
Pipe, sewer and culvert, cement	—	—	6,850,094
Pipe, culvert, n.e.s.	—	—	12,677,923
Pipe, steel, rivetted and welded*	ton	6,783	1,862,127
Pipe and fittings, steel, n.e.s.	"	139,835	28,113,212
Pipe and tubing, copper	—	—	1
Pipes, furnace and stove	—	—	2,336,960
Pipes, wooden	—	—	1
Pipes and fittings, other, n.s.	—	—	520,561
Pipes, tobacco	doz.	7,860	89,064
Piston rings, automobile	No.	21,637,987	2,835,317
Pistons, automobile, and piston ring expanders	—	—	1,919,278
Pitch	ton	131,742	4,477,039
Planers, metal-working	—	—	1
Planers, wood-working	No.	570	312,658
Planing, custom	M ft. b. m.	758,236	5,690,826
Planters, corn	No.	2,238	184,310
Plastics, primary (see "Synthetic resins")			
Plate and tank work, steel, miscellaneous*	—	—	11,382,147
Plate, black, not specified	ton	61,390	8,192,421
Plates, sheets and strips, brass, copper, etc.	lb.	58,312,187	24,341,824
Plates, all kinds including boiler and other sheared plates	ton	234,799	26,071,334
Plates, metal, license, name, etc.	—	—	2,338,447
Plates, forks and spoons, paper	—	—	419,426
Plating, galvanizing salts	—	—	1
Platinum, refined and other platinum products	—	—	529,976
Play ground, track and field equipment	—	—	44,790
Play yards	—	—	105,870
Ploughs, agricultural:			
Disc	—	—	1
Harrow ploughs, one-way discs, tiller combines	No.	21,034	9,958,121
Mouldboard	"	31,040	6,960,320
Walking	"	975	24,922
Other	—	—	167,431
Ploughs, snow (Included in "Snow removal equipment")			
Plugs, wooden	—	—	333,480
Plumbers' supplies, not elsewhere specified (Brass, copper, etc.)	—	—	12,649,665
Plywood*	M sq. ft.	596,211	49,996,996
Poison, gopher and rat	—	—	245,900
Polish, furniture	—	—	873,898
Polish, metal	—	—	270,020
Polish, shoe	—	—	1,098,656
Polish, stove	—	—	57,934
Polishes and waxes, floor	—	—	10,449,774
Polishes and dressings, automobile	—	—	349,991
Polishes and dressings, n.s.	—	—	229,513
Polishers, floor, electric and other	No.	92,609	3,378,711
Polishing mitts and cloths	—	—	55,262
Polymer feed stocks	—	—	1
Popcorn	lb.	4,064,847	1,968,374
Post cards, printed	—	—	830,748
Posts, steel, fence	ton	5,434	645,928
Posthole diggers	—	—	1
Potassium chlorate	—	—	1
Potato chips, (factory made)	lb.	11,225,361	5,976,510
Potato pickers	No.	112	34,164
Pot holders and oven mitts*	doz.	43,311	47,896
Pot scourers	—	—	528,413
Pottery, glazed and unglazed	—	—	256,611
Pottery from imported clay	—	—	1
Poultry (see "Meats")			
Powder, baking	lb.	9,693,307	2,305,562
Powder, buttermilk	—	—	613,349
Powder, cream	—	—	1
Powder, custard	lb.	527,742	126,560
Powder, egg	"	672,276	1,126,292
Powder, food drinks	"	1,865,087	879,764
Powder, ice cream	"	2,169,760	959,278
Powder, jelly	"	13,307,271	5,022,721
Powder, whole milk	"	15,397,514	5,087,600
Powder, malted milk	"	394,765	95,105
Powder, skim milk	"	77,160,465	9,920,325
Powder, pie filling	"	15,556,783	4,828,860
Powder, pudding	"	588,459	200,165
Powder, whey	"	6,348,766	864,334
Powder, edible, n.e.s.	"	821,730	655,988
Powder, bronze, iron and aluminum	"	4,340,629	1,350,015
Powder, sachet	—	—	153,730
Powder, talcum and face	—	—	2,794,321
Power units	No.	569	149,387
Precious metal salts	—	—	1
Press cloths	—	—	1
Presses, tennis and badminton racquet	—	—	77,040
Presses, baling	—	—	1
Presses, hydraulic, and other power	—	—	1,313,852
Pressure cookers (included under "Kitchenware, aluminum")			

1. Indicates the commodity was reported by one or two concerns.

Alphabetical List of Commodities, 1932 — Continued

Items	Unit of measure	Quantity	Value of factory shipments
			$
Printing, not elsewhere specified:			
Circular letters	—	—	1,956,767
General, for trade*	—	—	1,094,493
Custom printing, (Paper supplied by customer)	—	—	2,626,806
Private and personal	—	—	2,048,148
Blue prints and photostats	—	—	1,103,068
Box covers, coloured	—	—	182,467
Periodicals printed for publishers	—	—	22,572,361
Other printed matter; menus, statements, bank notes, programmes, etc. (see also "Advertising matter")	—	—	16,282,995
Printing and painting on textile fabrics	—	—	1,696,003
Propane (Included in "Gases, liquifying petroleum")			
Propellers and shafts	—	—	[1]
Publications, subscriptions and sales (see "Printing and Periodicals")			3,785,305
Puddings, cakes, etc., canned and other*	—	—	346,845
Puffs, powder	—	—	259,501
Pulleys, wood and other	—	—	528,865
Pulpers and slicers	—	—	[1]
Pulp, fruit (see "Fruit pulp")			
Pulpstones, artificial	—	—	[1]
Pulpwood (produced in Sawmills)*	cd.	321,428	10,899,880
Pulp chips*	—	—	9,542,468
Pulp, wood:			
Ground wood:			
Quantity made	S. ton	5,175,319	—
Quantity sold	"	331,491	23,406,511
Sulphate:			
Quantity made	"	1,092,038	—
Quantity sold	"	676,940	104,720,912
Sulphite, bleached:			
Quantity made	"	781,762	—
Quantity sold	"	700,208	118,122,102
Sulphite unbleached:			
Quantity made	"	1,596,333	—
Quantity sold	"	515,480	66,997,011
Screenings:			
Quantity made	"	107,004	—
Quantity sold	"	38,151	1,156,169
Other:			
Quantity made	"	215,553	—
Quantity sold	"	38,433	5,255,716
Pulverizers, soil	—	—	[1]
Pumps:			
Centrifugal	—	—	8,594,387
Cistern and pitcher	—	—	207,014
Deep well	No.	2,226	175,139
Rotary	—	—	1,005,994
Sump	—	—	929,404
Vacuum	—	—	696,434
Steam	No.	1,953	1,382,158
Other power pumps	—	—	1,203,110
Gasoline dispensing pumps	No.	4,663	2,179,637
Hand pumps	"	7,914	183,156
Household water systems	"	36,169	3,456,328
Pump jacks	"	1,092	165,723
Pumps and pump parts, n.e.s.	—	—	1,875,431
Punching machine	—	—	[1]
Purses, pocket-books and folders	No.	2,265,771	1,800,618
Putty and fillers, n.e.s.	lb.	11,175,893	816,501
Pyjamas:			
Cotton and flannelette	doz.	337,723	8,054,049
Rayon and royon mixtures	"	50,989	1,318,780
Not specified	"	57,491	1,748,769
Pyridine	—	—	[1]
Pyrometers	—	—	[1]
Pyrotechnics and fireworks	—	—	1,326,717
Quilted goods	—	—	1,587,861
Quilts, bedspreads, etc. (See also "Bedspreads")	—	—	987,687
Racquets, tennis, badminton and squash	No.	36,287	177,620
Radar equipment (see "Radio communication equipment")	—	—	31,783,805
Radiators, automobile	—	—	5,352,286
Radiator and boiler compounds*	—	—	195,561
Radiators, heating, concealed type	sq. ft.	8,313,461	4,479,103
Radiators, heating, standing type	—	—	3,231,335
Radiators and parts, heating, n.s.	—	—	[1]
Radio communication equipment	—	—	21,693,603
Radio sets, tubes and accessories	—	—	39,465,857
Rail anchors	—	—	[1]
Rails, iron or steel:			
Quantity made	ton	253,675	—
Quantity shipped	"	251,894	21,223,964
Rail frogs, switches and other track equipment	—	—	15,708,421
Railway car coach fittings, bearings, etc.	—	—	1,404,237
Rakes, hand	—	—	[1]
Rayon fabrics (See "Silk and synthetic fabrics" and "Knitted fabrics")			
Razor blades	No.	175,498,506	3,340,569
Razors, safety, electric and other	"	1,736,409	3,036,169
Recorders, time	—	—	[1]
Recorders, wire or tape	—	—	[1]
Record albums	—	—	108,568
Records, phonograph	No.	11,989,801	5,900,881

1. Indicates the commodity was reported by only one or two concerns.

Alphabetical List of Commodities, 1952 — Continued

Items	Unit of measure	Quantity	Value of factory shipments
			$
Record players, electrically operated, including phonographs, electric	No.	75,934	1,718,187
Rectifiers for storage battery charging and parts	—	—	1,024,117
Refractories:			
Cement, high temperature	ton	6,977	724,321
Firebrick from domestic clay	—	—	675,163
Firebrick from imported clay	ton	24,180	1,420,152
Other	—	—	5,390,039
Refrigerators and refrigeration equipment, n.e.s.:			
Household, mechanical, complete (electric and gas)	No.	244,433	46,046,709
Household, ice refrigerators:			
Metal	"	2,295	61,864
Wood	"	819	35,603
Commercial, wood	—	—	155,726
Steel cabinets for mechanical refrigerators	No.	12,493	661,343
Fixtures:			
Display cases, commercial	"	1,743	1,264,666
Display cases, other	"	777	492,501
Reach-ins, all sizes	"	1,391	540,489
Walk-in coolers	"	308	254,901
Refrigerator parts	—	—	903,072
Refrigeration equipment, n.e.s.	—	—	6,691,064
Regalia, n.e.s.	—	—	2,160,989
Registers, cash	—	—	1
Registers and grills, air	—	—	1,048,794
Regulators, temperature	—	—	1
Remedies, stock and poultry	—	—	1,852,635
Rennet (included in "Colours, food")			
Repair gums and fabrics*	lb.	865,128	987,978
Repair kits*	No.	713,266	275,872
Repair patches, tire and tube*	—	—	976,875
Resin film and resin film products	—	—	8,780,164
Resin coating, synthetic	—	—	1
Resins, vinyl acetate	—	—	1
Ribbons	—	—	2,971,919
Rice, cleaned, etc.	—	—	1
Rifles and shot guns (See "Firearms")			
Rings, fruit jar, rubber	—	—	1
Rings, fruit jar, zinc	—	—	1
Rockwool	—	—	8,000,176
Rods, copper wire	—	—	1
Rods, iron and steel, wire:			
Quantity made	ton	315,789	—
Quantity shipped	"	128,900	11,554,693
Roll covering, rubber	—	—	1
Rollers, land and land packers	—	—	559,472
Rollers, printers'	—	—	623,587
Rolls, rubber covered*	No.	259,348	1,076,515
Rolls, bending and straightening	—	—	1
Roofing, aluminum	—	—	1
Roofing preparations, n.e.s.	—	—	1,001,464
Rope:			
Manilla	lb.	7,014,421	3,092,145
Sisal	"	4,719,526	1,945,383
Jute and hemp	"	158,106	92,838
All other	"	390,306	601,749
Rubber, reclaimed, dispersions and other	—	—	1
Rubber and rubber goods, hard*	lb.	425,418	522,588
Rubber coverings, linings, etc.*	"	585,323	1,288,267
Rubber goods, moulded*	"	1,337,082	1,490,895
Rubber goods, plumbers'*	—	—	1,555,755
Rubber goods, sanitary, n.e.s.*	doz.	507,087	118,906
Rubber goods, soft and sponge (including foamed latex)*	—	—	6,163,561
Rubber automotive and aeroplane parts*	lb.	7,981,423	4,357,694
Rubber goods, not specified*	—	—	521,986
Rubber thread*	—	—	1,328,241
Rubber, synthetic	lb.	165,694,185	38,470,052
Rugs, automobile*	No.	146,145	604,382
Rules, wooden	—	—	266,921
Ruling (printing plants)	—	—	611,834
Runners and centers, table	—	—	1
Rust preventatives and removers	—	—	653,559
Saddles	No.	1,370	73,720
Saddle parts	—	—	23,190
Safes, vaults and fittings	—	—	2,091,634
Sails	No.	2,514	84,072
Salt, including value of containers*	—	—	9,056,079
Salt, curing	lb.	3,080,455	452,679
Sanders (woodworking)	No.	3,339	73,033
Sandstone (building)	—	—	47,122
Sandwich relish and spread (see also "Paste, meat and chicken")	lb.	4,460,058	1,381,585
Sanitary ware	—	—	15,521,819
Sash, doors and other mill work	—	—	61,195,367
Sash, aluminum, brass, etc. (Included in "Windows, complete, aluminum and other")			
Sauces, catsups and relishes (see "Tomato catsup, pickles, relishes, etc.")			
Sauerkraut, canned*	lb.	5,857,243	443,267
Sauerkraut, other*	"	300,000	17,500
Sausage, canned. See "Meats, canned"			
Sausage casings	—	—	6,090,523
Sausage, fresh or cured	lb.	78,510,055	32,680,943
Sawdust and waste, sold	—	—	1,365,920
Sawing, lumber, custom	—	—	241,822

1. Indicates the commodity was reported by one or two concerns.

Alphabetical List of Commodities, 1952 — Continued

Items	Unit of measure	Quantity	Value of factory shipments
			$
Saws, all kinds	—	—	11,066,409
Saw parts and saw benches	—	—	984,307
Scales	—	—	2,606,027
Scarves	—	—	3,410,529
School supplies, not specified	—	—	77,467
Scientific equipment, not specified	—	—	2,199,322
Scissors and shears	—	—	542,340
Scrap, aluminum	lb.	3,684,588	557,863
Scrap, brass, bronze and copper	—	—	913,898
Scrap, iron and steel	—	—	828,446
Screenings, barley, etc.	ton	51,537	2,314,258
Screen doors	—	—	1
Screens, windows	—	—	72,225
Screens, industrial	—	—	941,383
Screens, projection	—	—	1
Screens, n.e.s.	—	—	1
Screws and screw machine products	—	—	15,135,526
Scufflers	No.	1,312	30,189
Scythes and snaths	—	—	202,464
Seals	—	—	440,761
Searchlights, floodlights, etc. (See "Fixtures, lighting")			
Seasonings, dry and liquid	—	—	1,375,933
Seed boxes for one-way discs, etc.	No.	11,614	1,702,020
Seeders, horse power and hand	—	—	1
Shades, window, shade cloth and fittings:			
Ordinary shades and blinds	—	—	2,263,354
Venetian blinds, all kinds, including strips	—	—	5,717,010
Shade cloth, rollers, etc.	—	—	1,054,410
Shakes, processed and stained	square	176,506	1,377,760
Shapers, metal-working*	No.	49	359,756
Shapers, wood-working	"	222	24,573
Sharpeners, pencil	—	—	1
Sharpening stones and files	—	—	381,809
Shawls	—	—	1
Shearing machines, metal working	—	—	1
Sheet forms, commercial etc., printed	—	—	44,603,950
Sheeting, cotton (Included in "Cotton fabrics, broad woven")			
Sheets and pillow cases, cotton*	—	—	7,186,535
Sheets, crib, cotton	—	—	1
Sheets and sheeting, plastic, rubber and waterproofed	—	—	370,263
Sheet ironware, n.e.s.	—	—	1
Sheet metal building materials, n.e.s.	—	—	10,711,511
Sheet metal products	—	—	220,210
Sheets, aluminum	—	—	1
Sheets, hoops, bands and strips, iron and steel (rolled and drawn)	—	—	105,725,217
Sheets, steel, corrugated only	—	—	1
Shellac*	—	—	600,740
Shields, dress	doz.	37,945	117,472
Shims, railroad and other	—	—	282,656
Shingle bands*	M.	13,032	104,941
Shingles, asbestos	—	—	1
Shingles, wooden*	square	2,424,818	19,269,747
Shipbuilding and repairs*	—	—	147,909,551
Shirts, fine:			
Cotton	doz.	635,882	18,106,499
Silk, rayon and nylon	"	83,365	3,112,844
Shirts for formal wear*	"	1,720	83,282
Shirts, work:			
Cotton	"	297,503	7,293,016
Wool and wool mixtures	"	61,006	2,116,486
Not specified	"	30,870	497,547
Shirts, sport, men's, youths' and boys'	"	377,424	11,482,702
Shirts, T-Shirts	"	420,587	4,801,850
Shirts, sweat, jerseys, etc.	"	66,519	966,429
Shirts, not specified	"	76,787	980,589
Shock absorbers, automobile	—	—	1
Shoddy, mungo and wool extract (see "Wool or part wool, reworked or reprocessed")			
Shoe materials, proxylin coated (included in "Fabrics, coated and impregnated")			
Shoe trimmings	—	—	219,777
Shoe uppers and tops	pr.	79,864	286,606
Shooks, box	M ft. b. m.	94,646	10,491,232
Shortening:			
Containing animal fat and marine oil	lb.	71,741,883	15,614,159
Wholly vegetable	"	51,796,777	12,692,322
Shortening substitute	—	—	1
Shorts and middlings	ton	477,691	28,240,034
Shovels, hand	—	—	238,498
Shovels, power	—	—	1
Shuttlecocks, badminton	—	—	1
Signal systems (traffic, fire alarms, etc.)	—	—	1,961,860
Signs, electric, gas, neon and other luminous	—	—	6,719,459
Signs, metal, etc.	—	—	2,386,867
Silicon carbide, crude	ton	59,277	8,275,099
Silico manganese, silico spiegel, etc. (included in "Ferro-alloys")			
Silk and synthetic fabrics, broadwoven:*			
All silk mixtures containing silk	yd.	221,155	253,539
All continuous filament synthetic yarn:			
Rayon (See also "Knitted fabrics")	"	59,524,803	39,930,123
Nylon (See also "Knitted fabrics")	"	9,132,076	8,702,996

1. Indicates the commodity was reported by only one or two concerns.

Alphabetical List of Commodities, 1952 — Continued

Items	Unit of measure	Quantity	Value of factory shipments
			$
Silk and synthetic fabrics, broadwoven* — Concluded:			
Spun rayon and spun rayon mixtures	yd.	21,066,525	17,746,615
Mixtures of continuous filament rayon and spun rayon	"	4,427,276	3,879,629
Mixtures of continuous filament rayon and cotton	"	1,746,293	1,656,126
Mixtures of spun rayon and cotton	"	1,817,726	2,201,771
Mixtures of rayon and wool	"	2,192,902	3,597,059
Other synthetic mixtures	"	1,989,988	1,855,534
Silk screen printing	—	—	1
Silos	—	—	1
Silver alloys	—	—	629,502
Silver, fine	—	—	1,137,500
Silver, sterling, melted, rolled, etc.	—	—	2,255,999
Size	—	—	1,302,795
Skates, ice	pr.	491,263	917,763
Skates, roller	"	73,194	145,703
Skewers, n.e.s.	—	—	1
Skiis	pr.	47,411	181,497
Ski poles and fittings	—	—	138,863
Skins, calf	No.	589,484	2,136,075
Skins, sheep	—	—	2,380,426
Skins, pickled*	No.	432,177	530,924
Skins, dressed (excluding raw)	—	—	2,468,158
Skips and cages (mining and metallurgical)	—	—	1
Skirts:			
Cotton	No.	1,068,216	2,065,942
Rayon and rayon mixtures	"	1,700,485	5,765,143
Woollen	"	1,019,332	5,637,687
Other	—	—	587,586
Slabs and edgings	cord	816,199	3,019,125
Sleighs, baby	—	—	71,030
Sleighs, children*	No.	153,735	344,510
Sleighs, dog	"	242	4,833
Sleighs, horse-drawn, etc. (See also "Vehicles, farm sleighs, etc.")*	"	1,134	209,608
Slicers, meat and bread	—	—	1
Slippers: (See also "Footwear, felt")			
Babies'	pr.	52,595	60,753
Boys'	"	82,546	132,074
Children's, including little gents	"	243,740	270,430
Men's	"	789,966	1,976,158
Misses'	"	240,985	295,670
Women's and growing girls'	"	1,335,631	2,154,641
Youths'	"	39,631	56,858
Slippers, Indian:			
Babies'	"	28,405	24,977
Boys'	"	36,521	64,862
Children's, including little gents	"	200,493	180,458
Men's	"	127,477	307,803
Misses'	"	272,404	278,743
Women's and growing girls	"	1,390,838	1,912,172
Youths'	"	774	964
Slippers, not specified	—	—	155,327
Smelter and refinery products*	—	—	837,074,065
Smocks, women's	doz.	30,167	825,766
Smoke breeching	—	—	211,953
Smoker sets and smokers' supplies, n.e.s.	—	—	597,297
Smokestacks, steel	—	—	472,691
Snow shoes	—	—	52,470
Snowmobiles and parts	—	—	1
Snow removal equipment	—	—	2,792,367
Soap:			
Castile	lb.	1,370,982	270,864
Household and laundry (Bars)	"	23,708,903	3,579,360
Household and Laundry (Chips and Flakes)	"	20,708,901	3,724,937
Liquid, not specified	"	10,856,938	1,232,059
Polishing or scouring	"	125,718	23,020
Powder	"	87,038,338	16,696,339
Soft	"	2,881,700	361,803
Textile and mill	"	5,019,496	656,259
Toilet, (bars and liquid)	"	37,280,997	10,381,200
Shaving, incl. shaving creams	"	1,627,579	2,173,429
Hand soap and pastes, mechanics	"	2,602,603	409,668
Hard, all other	"	1,831,927	188,945
Not specified	—	—	969,089
Soap stock	—	—	96,612
Sodium azide	—	—	1
Sodium benzoate	—	—	1
Sodium carbonate	—	—	1
Sodium carboxymethyl cellulose (See "Carboxel")			
Sodium chlorate	—	—	1
Sodium cyanide	—	—	1
Sodium hydroxide	lb.	275,630,509	7,691,189
Sodium hypochlorite	—	—	1
Sodium fluoride	—	—	1
Sodium metabisulphite	—	—	1
Sodium metasilicate	—	—	1
Sodium phosphate, monosodium, disodium, trisodium and tetrasodium	—	—	1
Sodium pyrophosphate	—	—	1
Sodium silicate	—	—	1
Sodium sulphate and sulphite	—	—	1
Sodium thiosulphite	—	—	1
Sodium tripolyphosphate	—	—	1

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Alphabetical List of Commodities, 1952 — Continued

Items	Unit of measure	Quantity	Value of factory shipments
			$
Solder	lb.	11,734,518	5,674,948
Soling, rubber:*			
Rubber and composition soles	pr.	4,980,845	1,790,811
Rubber and composition half-soles	"	1,006,919	291,844
Soling and slabs for heels, rubber	lb.	12,567,683	3,619,180
Soles, tap and other, leather	pr.	3,757,856	1,760,253
Soles, felt and other (insoles)	—	—	982,101
Soup, canned (excluding infants' soups)*	lb.	202,957,497	34,672,953
Soup, dehydrated	"	724,925	460,027
Soup mixtures	"	6,780,030	4,993,007
Soup filler or cracked meal	"	586,788	76,200
Soya bean products, n.e.s.	—	—	1
Spades and shovels	No.	1,061,609	1,659,562
Spark plugs	"	24,164,834	6,895,911
Speed reducer units	—	—	1,840,457
Spice compound	lb.	393,368	210,237
Spices, mixed, whole or ground	"	3,955,019	4,517,249
Spikes, railway	—	—	2,396,596
Spikes, other	—	—	185,027
Spinning, custom*	—	—	2,387,252
Spinnings, metal	—	—	1
Spinning wheels	No.	690	8,399
Spirits, produced during the year but placed in bond for maturing:			
Whiskey	pf. gal.	9,451,958	8,280,445
Neutral spirits, grain	"	6,427,519	5,644,542
Neutral spirits, molasses	"	217,260	151,721
Other beverage spirits	"	598,070	991,054
Spirits, beverage, sold outside the Distilling Industry:			
Whiskey, Highland type	"	235,769	2,025,009
Whiskey, Rye type	"	9,301,584	74,104,248
Whiskey, other types	"	53,921	515,471
Gin	"	970,552	5,340,378
Brandy	"	34,062	316,668
Rum	"	310,430	2,423,560
Other beverage spirits	"	265,512	1,416,556
Sponges, cellulose	—	—	1
Spools, bobbins and shuttles	—	—	1,327,182
Sport gloves and mitts	—	—	882,419
Sporting goods, not specified	—	—	516,650
Spraying and dusting machines and equipment, including hand sprayers	—	—	1,151,877
Springs, automobile, chassis	—	—	8,565,373
Springs, bed:			
Box	No.	95,497	2,330,342
Coil	"	3,879	36,510
Cable	"	106,495	664,478
Link	"	59,306	572,529
Slat	"	248,315	2,538,530
Bed, n.e.s.	—	—	355,929
Springs (upholstering) and constructions for automobiles and trucks	—	—	7,172,449
Springs, upholstering, other	—	—	2,052,691
Springs for cars and locomotives*	—	—	1,569,724
Springs, n.e.s.	—	—	3,380,680
Squares, hardwood*	—	—	2,451,528
Stabilizers, ice cream, etc.	lb.	141,857	105,421
Stains	Imp. gal.	432,736	1,147,453
Stampings, metal, n.s.	—	—	8,240,886
Stamps, rubber	—	—	865,067
Stamps, postage, revenue, etc.	—	—	988,653
Stamps, not specified	—	—	238,586
Staples, wire	kegs.	29,969	285,632
Starch, corn, edible	—	—	1
Starch, corn, laundry	—	—	1
Starch and flour, potato	—	—	81,730
Starch, wheat	—	—	1
Starch, blended	—	—	1
Starch, n.e.s.	—	—	1
Stationery goods, not specified*	—	—	786,003
Statues, art goods and church supplies	—	—	1,089,864
Staves, barrel*	—	—	1,562,205
Steam traps, etc.	—	—	1,246,409
Stearine	lb.	1,029,910	92,827
Steel erected (structural work):*			
Bridges	ton	19,696	7,415,486
Buildings	—	—	59,759,309
Transmission towers	—	—	3,504,275
Other	ton	25,237	8,014,256
Steel shapes, structural (angles, channels, tees, etc.):			
Quantity made	"	228,237	—
Quantity shipped	"	220,540	23,890,710
Steel and alloy steel ingots:			
Quantity made	"	3,577,758	—
Quantity shipped	"	143,253	10,158,272
Steel, miscellaneous	—	—	30,575,052
Steel wool	—	—	1
Stellite	—	—	1
Steepwater	—	—	1
Stencils	—	—	331,538
Stockinette (see "Knitted fabrics")			
Stocking dryers	—	—	30,968
Stokers, mechanical	—	—	1,439,909

1. Indicates the commodity was reported by only one or two concerns.

Alphabetical List of Commodities, 1952 — Continued

Items	Unit of measure	Quantity	Value of factory shipments
			$
Stoker parts	—	—	340,082
Stone, artificial	—	—	2,244,635
Store fixtures, n.e.s.	—	—	154,006
Stoves:			
Coal, wood or sawdust	No.	126,894	6,773,394
Solid fuel or oil with electric or gas combination	"	21,647	3,612,568
Electric stoves or ranges, all styles	—	—	22,369,229
Electric rangettes	No.	47,803	1,738,415
Gasoline, fuel oil or kerosene stoves or ranges (cooking)	"	94,327	5,544,467
Gasoline, fuel oil or kerosene stoves or space-heaters (heating)	"	68,799	3,309,624
Plates, gas, cooking	"	869	7,432
Other stoves and parts including cafeteria, restaurant, etc.	—	—	2,515,990
Straps, leather	doz.	125,771	258,212
Straws, drinking	M.	734,445	412,571
Streptomycin (Included in "Antibiotics")			
Streptomycin preparations	—	—	93,373
Strings, racquet	—	—	1
Styrene	—	—	1
Sugar butter*	lb.	3,961,601	680,128
Sugar, granulated:			
Beet	"	248,556,228	24,136,058
Cane	"	920,642,624	80,824,924
Sugar, brown or yellow	"	126,067,934	10,925,303
Sugar, icing (starch added)	"	64,965,501	6,616,130
Sugar, invert	—	—	1
Sugar, loaf	lb.	11,777,433	1,388,569
Sugar, maple (factory made)	—	—	1
Sugar of milk	—	—	1
Sugar, pulverized (no starch added)	lb.	3,450,571	338,423
Sugar, n.e.s.	—	—	50,185
Suits: (see also "Clothing, suits, sport")			
Boys':			
Rayon	No.	65,087	619,087
Rayon and wool, chiefly rayon	"	41,445	415,619
Rayon and wool, chiefly wool	"	66,928	790,032
Wool	"	55,079	711,917
Children's:			
Cotton	"	35,876	54,529
Silk and rayon	"	35,290	87,833
Wool	"	40,607	361,405
Playsuits and wash suits, n.s.	doz.	116,139	1,336,043
Not specified	No.	6,420	20,000
Men's and youths':			
Rayon	"	71,220	1,473,779
Rayon and wool, chiefly rayon	"	51,781	1,087,773
Rayon and wool, chiefly wool	"	194,374	4,544,070
Wool	"	1,266,799	48,270,674
Not specified	"	1,296	45,360
Women's and misses':			
Cotton	"	11,411	118,645
Linen	"	13,609	139,045
Silk and rayon	"	244,605	3,384,234
Wool	"	519,775	12,770,944
Not specified	—	—	1,546,201
Suits and dresses, women's and children's knitted see ("Dresses, wool knitted")			
Suits, slack:			
Boys':			
Cotton and other	No.	3,001	23,352
Men's and youths':			
Cotton	"	13,516	90,798
Other	"	7,353	67,050
Suits, uniform:			
Men's and youths':			
Military	"	268,384	6,292,794
Non-military	—	—	2,613,872
Sulphonamide	—	—	1,203,961
Sulphur	—	—	1
Sulphur dioxide, liquid	—	—	1
Superheaters	—	—	1
Superphosphate, milled, screened and bagged	ton	13,179	486,172
Superphosphate, other (included in "Fertilizers, other than mixed")			
Surfacers, wood-working	No.	119	22,203
Surgical and orthopaedic appliances and surgical dressings:			
Surgical bandages and dressings	—	—	1
Surgical belts	—	—	932,536
Surgical stockings, elastic	—	—	243,838
Orthopaedic corsets	pr.	5,812	24,969
Artificial limbs	No.	951	234,276
Foot easers, arch supports, knee caps, etc.	—	—	434,480
Trusses	No.	63,326	211,480
Other surgical supports	—	—	481,024
Surgical instruments and orthopaedic appliances, not specified	—	—	63,235
Suspenders, supporters and garters	doz.	315,355	1,531,377
Swathers	No.	12,685	6,506,738
Sweaters, jackets, etc.	doz.	897,879	24,408,204
Sweeping compounds	—	—	605,516
Switch gear and protective equipment (except telephone switch-boards)	—	—	41,739,556
Synthetic and plastic products, n.e.s.	—	—	30,807,902
Syringes, fountain and attachments*	doz.	24,612	115,386
Syrup, beverage	—	—	1

1. Indicates the commodity was reported by one or two concerns.

Alphabetical List of Commodities, 1952 — Continued

Items	Unit of measure	Quantity	Value of factory shipments
			$
Syrup, corn	—	—	1
Syrup, fountain, fruit, etc.*	—	—	2,817,184
Syrup, maple (factory made)	—	—	1
Syrup, table	—	—	464,270
Syrups from cane, not including molasses	—	—	867,679
Syrups for soft drinks (for sale)*	gal.	3,408,984	6,538,237
Syrups, other	—	—	23,496
Syrup making equipment (maple)	—	—	996,391
Table cloths and napkins (fabric)	—	—	436,690
Table cloths, plastic	doz.	74,708	776,742
Tableware, plastic	—	—	1,154,689
Tableware, pottery	—	—	3,883,064
Tacks, cut, wire	—	—	746,833
Tags and labels, shipping	—	—	17,554,586
Tags and tickets, price	—	—	2,970,405
Tailors' supplies, n.e.s.	—	—	3,083,318
Tallow	—	—	5,701,498
Tankage, animal	—	—	1,841,162
Tanks, steel, storage, black, galvanized, etc.	—	—	17,431,558
Tanks, pressure, n.e.s.	—	—	3,271,188
Tanks, steel, pneumatic	—	—	787,361
Tanks, steel, septic	—	—	700,707
Tanks, other, not specified	—	—	4,735,473
Tanners' bate	—	—	1
Tape, adhesive	—	—	1
Tape, rubber and friction*	lb.	2,183,369	1,602,728
Tape, paper, gummed	—	—	4,206,493
Tape, telegraph	—	—	1
Tapes, fabric	—	—	1,722,623
Tapes, measuring, steel, etc.	—	—	1
Tapestries and other upholstering materials*	—	—	8,217,264
Tapioca	—	—	1
Tar, coal, crude*	Imp. gal.	41,020,050	5,196,105
Tar, refined*	"	3,976,884	715,905
Tar from petroleum refineries	—	—	1
Targets, clay	—	—	1
Tea, blended, etc.	lb.	42,857,648	40,540,820
Telephone material	—	—	40,229,321
Television equipment	—	—	30,928,478
Tenoners, wood-working	No.	46	41,328
Tents	"	26,990	994,235
Textile and leather specialties, n.e.s.	—	—	2,406,509
Thermometers, all kinds	—	—	1
Thickeners, mining and metallurgical	—	—	1
Thinners, pyroxylin	Imp. gal.	2,150,810	3,155,209
Thread, cotton*	—	—	9,589,204
Thread, rayon, silk, etc.*	—	—	858,813
Threading machines	—	—	1
Threshers, stationary, and combine reaper-thresners and attachments	No.	32,542	71,201,024
Ties, wooden*	"	9,582,179	18,748,939
Tile, asphalt	—	—	2,234,948
Tile, drain (from domestic clay)	No.	31,916,319	1,844,171
Tile, floor (from domestic clay)	sq. ft.	227,542	98,285
Tile, floor and wall (from imported clay)	—	—	1
Tile, gypsum	—	—	1
Tile, hollow blocks including fireproofing and load-bearing tile	ton	184,981	3,185,775
Tile, haydite and other haydite products	—	—	1
Tile, plastic	—	—	1,112,199
Tile, other, not specified	—	—	400,517
Tiling and flooring, rubber*	lb.	9,510,718	2,454,896
Time switches	—	—	1
Tin alloys	—	—	1
Tin	lb.	222,853	274,059
Tinned plate and scrap	ton	14,270	364,872
Tinsel garlands and ribbons	—	—	1
Tinware, japanned or not	—	—	729,528
Tire braids, auto	—	—	1
Tire fabrics*	lb.	27,005,981	21,782,167
Tires and tubes*:			
Balloon, casings	No.	4,646,079	129,610,090
High pressure casings	—	—	1
Balloon and high pressure inner tubes	No.	3,496,062	9,683,561
Aeroplane tires	"	18,352	881,076
Aeroplane tubes	"	13,230	79,915
Bicycle tires	"	355,162	482,616
Bicycle tubes	"	396,378	244,026
Implement and tractor tires	"	496,245	11,677,091
Implement and tractor tubes	"	515,132	1,595,046
Industrial tires	"	22,948	228,190
Motorcycle tires	"	2,889	47,304
Motorcycle tubes	—	—	1
Other rubber tires, n.e.s.	—	—	273,735
Tires, railway car	—	—	1
Tissues, cleansing, paper	—	—	1
Toasters, electric	No.	198,200	1,257,409
Tobacco:*			
Chewing, cut and twist	lb.	181,793	380,752
Chewing, plug	"	1,263,346	2,851,154
Smoking, leaf	"	53,960	49,126
Smoking, cut	"	31,169,331	76,834,085

1. Indicates the commodity was reported by only one or two concerns.

Alphabetical List of Commodities, 1952 — Continued

Items	Unit of measure	Quantity	Value of factory shipments
			$
Tobacco* — Concluded:			
Smoking, plug	lb.	411,732	906,283
Snuff	"	869,863	2,299,246
Stems and cuttings	—	—	14,097
Tobacco, raw leaf, processed*	lb.	139,974,877	77,494,248
Tobacco curing equipment	—	—	191,040
Tobacco pouches	—	—	67,829
Toboggans	No.	82,441	310,461
Toilet preparations, n.e.s.:			
Bath salts and bath oils	—	—	416,364
Brilliantine, solid	—	—	71,349
Compacts (powders and rouge)	—	—	82,680
Creams, solid or liquid, all kinds	—	—	3,502,077
Home permanent wave kits	—	—	3,418,145
Rouge and lipsticks	—	—	1,570,371
Shampoos and hair rinses	—	—	3,482,654
Bay rum, hair tonics, brilliantines, liquid	—	—	3,276,812
Toilet water and lotions	—	—	4,414,375
All other	—	—	4,729,008
Toiletware, silver and brass	—	—	310,271
Toiletware and dresserware (metal, n.e.s.)	—	—	343,462
Toluene*	—	—	661,575
Tomato catsup, canned*	lb.	5,340,588	763,315
Tomato catsup, other*	"	27,588,605	7,341,159
Tomato juice*	"	155,104,739	12,982,777
Tomato paste and puree*	"	10,706,665	1,851,890
Tomato pulp*	"	4,580,836	278,282
Tools, carpenters' and mechanics' other than portable pneumatic and electric tools	—	—	3,958,849
Tools, machine, n.e.s.*	—	—	8,213,415
Tools, small, cutting	—	—	6,215,906
Tools, n.e.s.	—	—	8,289,841
Toothpicks	—	—	1
Toppings for ice cream and cake	—	—	994,795
Towelling (included in "Cotton fabrics, broad woven")			
Towels, all kinds*	—	—	6,592,941
Towels, paper	case	764,835	3,121,227
Toys:			
Metal	—	—	2,623,087
Plastic	—	—	3,792,178
Rubber*	doz.	163,835	615,274
Wooden	—	—	913,384
Miscellaneous, including model aeroplanes	—	—	2,629,933
Tractors	—	—	1
Trade work, n.e.s. (printing plant)	—	—	1,953,672
Trailers:			
Cabin or house type	—	—	1,103,958
Commercial (except logging)	—	—	10,458,639
Logging	—	—	1,023,396
Not specified	—	—	339,726
Transfers, paper, decalcomania	—	—	1,709,790
Transfers, paper, dry	—	—	157,550
Transformers	—	—	56,024,953
Transformer parts	—	—	1,778,999
Transmission towers, electric (see "Steel shapes")			
Traps and fittings, lead	lb.	1,156,727	489,408
Traps, mouse and rat, etc.	—	—	106,813
Trays, food	—	—	360,885
Trichlorethylene, refined	—	—	1
Trimmings, not specified	—	—	384,466
Trophies	—	—	434,137
Troughs, water	—	—	1
Trucks, factory and other hand trucks	—	—	2,312,918
Trucks, other n.e.s.	—	—	416,604
Trunks, all kinds	No.	132,336	1,218,881
Tubes, collapsible	—	—	1
Tubes, television	No.	120,141	2,325,121
Tubes, n.e.s.	—	—	21,707
Tubing, brass, bronze and aluminum	—	—	5,262,764
Tubing, neon	—	—	34,355
Tubing, plastic	—	—	1
Tubing, rubber*	lb.	474,879	294,525
Tubing, steel	—	—	30,769,492
Tubing and wristing, knitted	—	—	790,201
Tubs, laundry, cement*	—	—	299,308
Turbines and water wheels	—	—	10,669,196
Turpentine	—	—	1
Twine and cordage:			
Baler twine, all sisal	lb.	23,189,580	6,974,305
Binder twine, all sisal and chiefly sisal	"	55,096,595	12,209,470
Other twine, all sisal	"	4,143,458	1,497,637
Other twine, all hemp and all flax	"	182,590	169,751
Other twine, all jute	"	1,725,104	754,220
Other twine and cordage, not specified	—	—	3,700,479
Type and type metal	lb.	7,559,473	2,065,443
Typesetting (trade composition)	—	—	4,956,603
Typewriters	No.	81,205	6,580,432
Typewriter and other ribbons	—	—	1,238,244
Typewriter parts n.s.	—	—	24,345
Umbrellas*	doz.	37,168	1,128,074
Undertakers' supplies, n.e.s.	—	—	644,849

1. Indicates the commodity was reported by only one or two concerns.

Alphabetical List of Commodities, 1952 — Continued

Items	Unit of measure	Quantity	Value of factory shipments
			$
Underwear knitted, or of knitted fabrics:			
Men's and youths':			
Combinations:			
Cotton or chiefly cotton	doz.	229,527	5,071,702
Rayon or chiefly rayon	"	1,216	20,471
Wool or chiefly wool	"	53,799	2,306,831
Shirts:			
Cotton or chiefly cotton	"	344,545	3,156,715
Rayon or chiefly rayon	"	29,159	89,343
Wool or chiefly wool	"	25,815	751,586
Drawers:			
Cotton or chiefly cotton	"	117,620	1,654,816
Wool or chiefly wool	"	13,948	476,827
Shorts:			
Cotton or chiefly cotton	"	388,013	2,628,291
Other	"	19,687	181,873
Not specified	"	3,985	32,149
Boys':			
Combinations:			
Cotton or chiefly cotton	"	79,932	1,169,531
Wool or chiefly wool	"	2,792	81,022
Shirts:			
Cotton or chiefly cotton	"	65,480	442,958
Drawers:			
Cotton or chiefly cotton	"	24,537	201,552
Shorts:			
Cotton or chiefly cotton	"	88,533	389,953
Not specified	"	22	791
Women's and Misses':			
Combinations:			
Cotton or chiefly cotton	"	45,376	260,955
Rayon or chiefly rayon	"	218	2,812
Wool or chiefly wool	"	490	16,904
Drawers:			
Wool or chiefly wool	"	4,333	42,301
Bloomers, panties, etc:			
Cotton or chiefly cotton	"	327,912	1,808,853
Nylon	"	122,516	1,292,788
Rayon or chiefly rayon	"	775,085	4,045,802
Wool or chiefly wool	"	13,309	308,467
Vests:			
Cotton or chiefly cotton	"	134,892	855,240
Rayon or chiefly rayon	"	52,889	267,744
Wool or chiefly wool	"	12,294	293,093
Other, n.e.s.	"	80,249	453,299
Girls':			
Combinations:			
Cotton or chiefly cotton	"	3,397	39,298
Bloomers, panties, etc.:			
Cotton or chiefly cotton	"	82,484	389,699
Rayon or chiefly rayon	"	22,841	82,537
Wool or chiefly wool	"	808	6,150
Drawers:			
Cotton or chiefly cotton	"	8,984	47,093
Vests:			
Cotton or chiefly cotton	"	81,372	378,546
Rayon or chiefly rayon	"	2,573	10,121
Wool or chiefly wool	"	318	4,917
Not specified	"	3,633	17,077
Children's and infants':			
Combinations:			
Cotton or chiefly cotton	"	8,741	59,468
Other	"	96	1,728
Drawers and panties:			
Cotton or chiefly cotton	"	367,825	1,091,084
Nylon and chiefly nylon	"	6,116	33,206
Rayon or chiefly rayon	"	190,270	532,176
Wool or chiefly wool	"	1,302	17,108
Vests:			
Cotton or chiefly cotton	"	227,822	1,094,112
Rayon or chiefly rayon	"	17,147	40,895
Wool or chiefly wool	"	10,292	114,389
Not specified	"	1,236	8,343
Underwear, woven fabrics:			
Men's and youths':			
Shorts:			
Rayon	"	3,359	44,249
Cotton	"	105,348	971,925
Nylon	"	2,429	35,565
Not specified	"	512	8,448
Women's and misses':			
Bloomers, panties, etc.:			
Cotton or chiefly cotton	"	3,217	14,875
Rayon or chiefly rayon	"	209,770	894,634
Nylon or chiefly nylon	"	73,656	546,936
Children's:			
Bloomers, panties, etc.:			
Cotton or chiefly cotton	"	15,143	65,709
Rayon or chiefly rayon	"	17,133	63,346
Not specified	"	13	358

1. Indicates the commodity was reported by only one or two concerns.

Alphabetical List of Commodities, 1952 — Continued

Items	Unit of measure	Quantity	Value of factory shipments
			$
Underwear, not specified:			
Men's and boys'	doz.	49,429	278,629
Women's and misses'	—	22,158	273,218
Children's	doz.	213	1,416
Not specified	"	38,140	640,322
Underslips:			
Rayon	"	467,659	8,172,969
Rayon mixtures	"	27,214	573,967
Cotton	"	104,339	1,357,972
Nylon	"	113,768	2,997,510
Not specified	"	105,859	2,441,670
Uniforms, cotton, nurses', maids', etc.	"	89,245	2,090,388
Uniforms, military (See "Jackets," "Pants" and "Suits")			
Uniforms, other (See also "Pants, uniform" and "Suits, uniform")	"	1,920	106,848
Upholstering materials, (see "Tapestries")			
Valves, brass and bronze	—	—	6,362,995
Valves, iron	—	—	5,562,900
Valves, steel	—	—	2,983,786
Valves, tire	—	—	1,831,838
Valves, not specified	—	—	1,354,657
Varnishes	—	—	9,643,519
Vaults, burial, cement and other	—	—	274,217
Vegetables, canned:*			
Asparagus	lb.	2,979,691	1,015,062
Beans, baked	"	93,706,432	10,829,541
Beans, green or wax	"	55,835,776	6,577,226
Beans, lima	"	2,116,898	301,759
Beets	"	5,711,827	584,815
Carrots	"	3,193,227	263,658
Carrots and peas	"	3,241,444	454,006
Corn, cream of, whole grain, etc.	"	91,365,876	10,811,020
Mushrooms	"	1,524,772	885,911
Peas	"	96,394,765	13,172,000
Pumpkin and squash	"	12,798,473	999,924
Spinach	"	768,431	96,987
Tomatoes	"	126,580,997	12,573,240
Vegetables, mixed	"	8,215,398	837,476
Vegetables, other	"	4,109,459	707,185
Vegetables, evaporated and dehydrated*	"	130,820	110,624
Vegetables in brine*	"	733,585	90,079
Vegetables, frozen or cold pack*	"	14,475,761	2,453,892
Vegetables in SO_2	—	—	1
Vegetable juices, canned	—	—	1
Vegetable peelers and slicers	—	—	1
Vehicles, children's*	—	—	2,264,788
Vehicles, farm sleighs, wagons and trucks (See also, "Sleighs")	—	—	813,484
Veils and veiling	—	—	97,669
Veneer*	M sq. ft.	445,566	12,766,973
Veneer logs*	M ft. b.m.	8,510	1,057,938
Veneer and plywood products n.e.s.	—	—	1
Ventilators	—	—	1,555,983
Vermiculate*	—	—	1,169,696
Vestments	—	—	217,612
Vest, woollen	No.	6,817	45,728
Vests, other	—	—	90,467
Vinegar made for own use	Imp. gal.	701,123	—
Vinegar made for sale:*			
Spirit	"	8,139,165	3,053,665
Cider	"	588,159	322,553
Malt	"	280,145	175,010
Vinyl acetate	—	—	1
Vitamin preparations	—	—	14,160,009
Waffle irons	No.	37,025	311,750
Wagons (See "Vehicles, farm sleighs, wagons and trucks")			
Wall board, asbestos cement	—	—	1,350,692
Wall board, gypsum*	sq. ft.	225,409,932	7,869,907
Wall board, paper (See "Paper board")			
Wall plaster, gypsum*	—	—	3,589,147
Wall plaster, other	—	—	709,768
Wardrobes, wall board	—	—	422,023
Wash boards	No.	102,395	61,410
Washers, leather	doz.	6,436,252	336,534
Washers and gaskets, iron, steel, etc.	—	—	3,155,318
Washing compounds	—	—	626,225
Waste, cotton and wool*	lb.	42,428,276	6,076,174
Waste, wood	ton	39,046	168,729
Waste, other, not specified	—	—	3,727,774
Watches, assembled	No.	863,079	7,406,705
Watch bracelets, cases, etc.	—	—	586,905
Water, aerated*	gal.	103,472,607	89,809,805
Water, distilled*	"	242,887	41,844
Water, mineral, natural*	"	552,697	113,564
Waterproofing of fabrics*	—	—	1,350,734
Waterproofing preparations	—	—	266,192
Wax and wax compounds all kinds	—	—	3,159,039
Wax, sealing	—	—	1
Weatherstrip	—	—	1,379,199
Weaving, custom	—	—	4,106,239
Webbing, elastic	—	—	2,438,591
Webbing, other	—	—	1,767,520
Weeders	No.	2,105	436,855

1. Indicates the commodity reported by only one or two concerns.

Alphabetical List of Commodities, 1952 — Continued

Items	Unit of measure	Quantity	Value of factory shipments
			$
Weed killer	—	—	3,084,239
Welding apparatus, arc	—	—	1,494,781
Welding apparatus, gas and other	—	—	695,215
Welding compounds and fluxes	—	—	24,364
Welding electrodes	No.	16,632	5,488,228
Welting	—	—	1,199,673
Wheat germ products	—	—	1
Wheelbarrows and parts	—	—	635,445
Wheels, automobile	—	—	1
Wheels, railway car*	ton	127,796	8,273,693
Wheels, not specified*	—	—	250,704
Whips	No.	483	336
Whiskies (See "Spirits")			
Whisks	doz.	48,771	182,728
Windows, complete, aluminum and other	—	—	8,859,549
Wine sold during the year	gal.	4,502,282	11,258,650
Wine produced and placed in storage for maturing*	"	4,936,052	3,205,614
Wine spirit	—	—	1
Wiping cloths and rags, washed and sterilized	lb.	11,978,831	3,061,820
Wiping cloths and rags, other	—	—	663,928
Wire, brass and copper	—	—	1
Wire, gold filled and alloys	—	—	489,355
Wire, steel:			
Barbed:			
Quantity made	ton	9,581	—
Quantity shipped	"	8,673	1,378,796
Cold rolled flat, all sizes:			
Quantity made	"	3,007	—
Quantity shipped	"	1,404	369,481
Galvanized:			
Quantity made	"	68,433	—
Quantity shipped	"	33,739	6,544,512
Plain:			
Quantity made	"	284,080	—
Quantity shipped	"	86,434	14,690,022
Strand, twisted:			
Quantity shipped	"	6,953	2,242,849
Other, coated:			
Quantity made	"	4,311	—
Quantity shipped	"	2,943	599,722
Wire and cable, electrical	—	—	121,828,361
Wire rope and cable, n.s.	—	—	12,433,382
Wire, tungsten	—	—	1
Wire cloth, all metals, including screen cloth	—	—	10,711,505
Wire mesh, steel, woven or welded	—	—	2,677,082
Wire netting	—	—	1
Wire goods, not specified	—	—	4,945,862
Wiring devices, not elsewhere specified	—	—	12,919,585
Wooden products, n.e.s.	—	—	7,661,657
Wood flour	—	—	1
Woodenware, kitchen	—	—	399,212
Woodenware, not specified	—	—	560,501
Wood preservation	—	—	1
Wood preservatives	—	—	595,972
Wood turning, n.s.	—	—	826,604
Woodwork, sanitary	—	—	441,104
Wool pulled*	lb.	1,718,227	1,345,462
Wool tops	—	—	1
Wool noils	—	—	1
Wool or part wool, reworked or reprocessed	lb.	10,839,648	3,014,480
Woollen cloth woven:*			
Suitings, dress goods, overcoatings, etc.:			
All wool, woollen	sq. yd.	14,793,984	27,093,964
All wool, worsted	"	5,433,309	15,066,679
Woollen and worsted, mixed	"	2,199,538	7,729,857
Cotton warp, worsted	—	—	1
Cotton warp, woollen	sq. yd.	1,128,964	1,428,243
Other woollen and mixtures	"	4,717,176	7,157,195
Other woven fabrics, wool or containing wool	"	419,953	899,248
Wrappers, waxed (see "Paper, waxed")			
Wrappers, paper, other than waxed (see also "Boxes, paper, corrugated")	—	—	1,516,960
Wrappers, printed	—	—	3,321,821
Wringers, clothes	No.	140,481	1,509,375
Xylol	—	—	1
Yarns, spun for sale:*			
Cotton:			
Grey, knitting	lb.	15,722,193	12,954,878
Grey, other, singles	"	7,947,084	6,228,080
Grey, other, plied	"	10,885,024	8,753,863
Bleached, knitting	"	531,042	586,994
Bleached, other	"	114,797	121,526
Coloured, knitting	"	2,690,871	2,713,076
Coloured, other	"	2,076,684	2,087,392
Tire cord	—	—	1
Other, including mercerized	lb.	2,104,497	2,059,120
Cotton and wool mixed:			
Grey	"	320,062	402,217
Bleached and coloured	"	41,785	59,917
Rayon, thrown	"	5,217,659	4,756,325
Nylon, thrown and other	"	2,040,340	7,195,167

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Commodities, 1952 — Concluded

Items	Unit of measure	Quantity	Value of factory shipments
			$
Yarns, spun for sale* — Concluded:			
Rubber, covered	—	—	1
Synthetic mixtures	lb.	864,370	870,457
Synthetic singles	"	26,421,381	32,730,824
Spun rayon and spun rayon mixtures	"	5,221,387	4,716,958
Woollen:			
Hand knitting	"	2,151,466	3,447,181
Machine knitting	"	5,558,697	7,272,476
Weaving	"	1,009,823	2,060,324
Carpet	"	1,301,195	1,750,877
Not specified	"	146,506	387,050
Worsted, oil spun:			
Hand knitting	"	1,338,037	4,461,378
Machine knitting	"	4,140,387	10,022,794
Weaving	"	881,310	1,665,502
Carpet	"	14,113	22,738
Worsted, dry spun:			
Weaving	"	131,094	373,552
Knitting	"	1,100,402	2,739,106
Yarns, not specified	—	—	1,854,753
Yeast, dry, bakers'	lb.	1,113,230	1,881,238
Yeast, dry, brewers'	"	2,146,221	213,877
Yeast, fresh (for sale)	"	24,907,886	3,991,686
Yeast, made for own use in breweries	"	3,452,784	—
Yeast food, bread improver, etc.	"	6,920,516	883,289
Yoghourt	gal.	51,224	159,662
Zinc, refined, zinc alloys, etc.	lb.	8,588,661	1,819,736
Zinc chloride	—	—	1
Zinc oxide and zinc dust	—	—	1
Zinc products, not specified	—	—	1,513
Manufactured food products, packaged only	lb.	17,009,003	2,952,369
Amount received by clothing contractors	—	—	13,115,960
Inter-company transfers	—	—	1,912,410
All other products, not specified:			
Foods and beverages	—	—	13,765,212
Tobacco and tobacco products	—	—	—
Rubber products	—	—	410,657
Leather products	—	—	3,650,311
Textile products (except clothing)	—	—	3,629,337
Clothing (textile and fur)	—	—	2,853,181
Wood products	—	—	4,165,780
Paper products	—	—	2,468,382
Printing, publishing and allied industries	—	—	7,075,976
Iron and steel products	—	—	131,409,109
Transportation equipment	—	—	105,964,503
Non-ferrous metal products	—	—	19,947,817
Electrical apparatus and supplies	—	—	11,888,261
Non-metallic mineral products	—	—	9,844,387
Products of petroleum and coal	—	—	2,251,194
Chemicals and allied products	—	—	18,745,918
Miscellaneous manufacturing industries	—	—	2,871,747
Custom work and repairs:			
Foods and beverages	—	—	4,139,632
Tobacco and tobacco products	—	—	—
Rubber products	—	—	202,960
Leather products	—	—	496,929
Textile products (except clothing)	—	—	3,452,783
Clothing (textile and fur)	—	—	1,307,776
Wood products	—	—	9,948,967
Paper products	—	—	123,610
Printing, publishing and allied industries	—	—	—
Iron and steel products	—	—	67,894,423
Transportation equipment	—	—	130,229,034
Non-ferrous metal products	—	—	2,421,905
Electrical apparatus and supplies	—	—	6,398,653
Non-metallic mineral products	—	—	538,036
Products of petroleum and coal	—	—	—
Chemicals and allied products	—	—	—
Miscellaneous manufacturing industries	—	—	15,362,901
Products which were reported by only one or two firms and for which figures cannot be shown separately (See commodities indicated by footnote 1)	—	—	598,755,583
Total Value of Products Listed	—	—	**17,407,080,729**
Adjustments due to valuation of intermediate products, excise taxes, etc.	—	—	424,393,694
Total	—	—	**16,982,687,035**

1. Indicates commodity was reported by only one or two concerns.

Note. In 1952 the basis of collection was "Value of Factory Shipments" instead of "Gross Value of Products". However, the commodities marked * are still on a production basis.

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PART I. GENERAL ANALYSES OF MANUFACTURING

SECTION I. GROWTH OF MANUFACTURING

In this report the manufacturing industries of Canada are dealt with in two Parts. Part I gives general analyses including the historical development of manufacturing; detailed treatment of current production under various groupings and by individual industries; and principal factors in manufacturing production such as physical volume of production, capital, employment, salaries and wages, size of establishment, and power and fuel. Part II deals with the provincial and local distribution of manufacturing production.

With regard to historical development, it is impossible to give absolutely comparable statistics over a long period of years. From 1870 to 1915 statistics were collected only in connection with decennial or quinquennial censuses, and there was inevitably some variation in the information collected. The annual Census of Manufactures was instituted in 1917 and while numerous changes have been made since then in the information collected and the treatment of the data, an effort has been made to carry all major revisions, in so far as possible, back to 1917 so that the figures for the period since then are on a reasonably comparable basis.

Canada is no longer on the fringes of industrialization but ranks among the world's most important manufacturing countries. Basic historical developments, such as the opening of the West and the magnitude of requirements of all kinds for World Wars I and II, have been followed by recent discoveries of far-reaching significance. Such events as the discovery of a major oil pool on the prairies in 1947, the discovery of large-scale deposits of iron and the successful search for uranium have given new dimensions to Canadian thinking and business planning. These are the factors that explain the records of capital expenditures year by year since the end of the War. Yet it is not the mere rate of expansion that is significant. There have been other periods when Canada's population has grown more rapidly and in many respects the rate of industrial expansion in the late 1920's was relatively as great as in the post-war years. The real significance of the latter period is that never before has there been an advance on such a broad industrial front.

The second point to be observed is the changing emphasis of Canadian manufacturing activity. By 1949 the period of post-war conversion was passed and Canada had entered a new phase of economic expansion which derived its dynamic from the discovery of new resources and the application of new processes. This meant that even the sharp recession in the United States in the year 1949 failed to have significant effects in Canada. The influence of Korea and the consequent re-armament program gave an added impetus to the expansion of Canadian industry and to the development of Canadian basic resources. Capital expenditures that contributed most to the defence of Canada were given priority. Additional capacity was created to meet requirements of the specialized defence program—aircraft, electronic equipment, ships and guns—many items of which had never before been produced in Canada. Measures such as steel control, credit regulations and deferred depreciation had the desired effect. A shift gradually took place toward the further expansion of basic industrial capacity and away from investment in consumer goods and services.

It should be emphasized that Canada's development as an industrial country is based upon and not independent of her position as a trading nation. Canada ranks among the leading industrial powers of the world and is also the world's third largest trader. Canada's exports earn a quarter of her income and Canada's per capita trade at $579 is higher than that of any other country. At the same time, Canada's position has become more closely linked with the North American Continent and trade with the United States has grown to the point where that country took nearly 60 p.c. of Canada's exports in 1951, 54 p.c. in 1952 and 59 p.c. in 1953.

The stability of current levels of manufacturing is indicated by the fact that such activity is the result of business assessments of resources and market potentialities. Millions of dollars are being invested in oil because the prairies can produce oil as economically as other great fields on the North American Continent. Petro-chemical plants are being erected because the raw materials are readily at hand. Kitimat is based on the coincidence of abundant and cheap hydro-power and access to ocean transportation, both of which are essential to the low-cost production of aluminum. The exploitation of the Ungava iron deposits rests on the belief that the steel industry of the North American Continent will need the high-grade ores involved in order to meet continuing peace-time demands. No country is in a more favourable position than Canada to supply uranium for the production of atomic energy.

Of strategic importance, and probably of even greater long-term significance to the Canadian economy, has been the growing world-wide shortage of raw materials; a shortage born of rising levels of employment and income, and accentuated by the course of international events, especially since 1950. These demands have shown few signs of abating and they have led to substantial increases in Canadian primary manufacturing capacity, particularly in so far as the light metals, nickel, chemical fertilizers and the cheaper grades of paper are concerned.

In helping to meet these demands, Canada's aluminum manufacturing capacity has been increased substantially. The production of magnesium metal, this time in two separate plants, has been revived, and cobalt ores are once more being treated in Canada and exported in substantial quantity. Ilmenite is being processed from titanium slag in Canada for the first time, and in the case of nickel, new processes together with the need to treat a growing volume of lower grade ores have necessitated the construction of one new refinery and heavy investments in others. In all, half a dozen of non-ferrous metal smelters or refineries, involving outlays of approximately $200,000,000, have been built or substantially expanded in Canada over the past five years.

Other Canadian chemical process industries have also been responding to the pull of the world's markets for semi-processed materials. Foremost among them are the nation's fertilizer and pulp and paper producers, both heavy users of cheap hydro-electric power. In the case of fertilizers, manufacturing capacity has been expanded by a third since the end of World War II. Turning to pulp and paper, the story is in some ways even more impressive. Twelve entirely new mills have been built, one making newsprint and the rest mainly sulphite and sulphate pulps, some of the dissolving or rayon-grade variety. Another half dozen plants have been substantially rebuilt and many have added by-product plants, ranging from the manufacture of composite board to chemicals like vanillin and ethyl alcohol. Capital expenditures by the pulp and paper industry alone was over $500,000,000 during the past five years.

Another factor contributing to post-war expansion in Canadian manufacturing industries has been Canada's own investment boom. Ranging all the way from large resource-development projects to the better housing of the people and the improvement of services generally, it has provided a ready market for building materials and machinery and equipment of all kinds. Conditions could hardly have been more propitious for a 25 p.c. increase in Canada's iron and steel-making capacity; for the erection of four new cement plants and the extension of

others; for the further diversification of Canada's copper and aluminum fabricating mills; and for the growth and better integration of numerous plants devoted to the making of such construction materials as plumbing and heating supplies, sanitary ware, cement, mineral wool and gypsum products, and such commodities as paints, plywood, wire and cable. In fact, many concerns making building materials have expanded their output several times over since the end of World War II.

In the case of machinery and equipment, many new lines have been introduced, the more notable including diesel locomotives, oil pipeline pumping and control equipment, chemical processing equipment, and mining machinery. There has also been some further diversification in the production of machine tools since 1950.

In recent years the demands stemming from population growth and a rising standard of living have been noticeable at all levels. In food processing, a steady up-grading in the quality of foods sold on the domestic market has been even more important than population growth. The two together have almost doubled the dollar sales of processed foods in this country since 1945. And at the intermediate level other important changes have taken place. Many of Canada's new chemical plants, for example, have been built with the domestic consumer market in mind. Frequently using petroleum or natural gas as a source of raw material, they have gone a long way towards making Canada independent of imports in such categories as vanillin, nylon and rayon intermediates, and plastics for packaging and similar uses.

An important change was made in the annual census of manufactures. A shipments concept instead of the value of production statistics heretofore compiled was adopted for the 1952 and 1953 returns of manufacturers, for a large number of industries where it was known that inventory changes from year to year were only of a minor nature. The concept was not changed for industries known to experience wide fluctuations in inventory holdings, pending further study for the need of both production and shipments information. For the 1954 returns it was planned to implement the shipments concept for all industries. Industries requiring production statistics will be asked to report the detail of products made in physical quantities only and at the same time will be required to report details of their shipments giving both the quantity as well as the selling values at the plant.

The aim of the new Census of Industry schedule is to ease the burden of filling out Bureau questionnaires. The value of shipments concept is in a large number of cases more realistic and more readily obtainable in the accounting records of firms, whereas the value of products made, for firms not recording such information, must be derived from special calculations. The value of shipments provides a standard basis of reporting for all establishments. Under the old system some establishments reported value of products made and others the value of factory shipments. Further, a great number of firms attempting to report production values to fulfil the requirements of the old questionnaire, in fact computed their cost of production rather than their selling value as they were supposed to. Since the value of shipments is usually carried in the firm's accounts, the work of filling out the reports should be lessened and the questionnaire should as a result be filled out more promptly. The change should ease the burden for small establishments in particular since the value of sales is readily available from their accounting records.

Under the "value of products" concept, establishments were required to report the factory selling value of the products made whether sold or not, the unsold portion being assigned the average selling value of similar articles sold during the year. Where no selling values were available for the unsold portion, estimated values had to be assigned. Under the new concept establishments are required to report their sales during the year regardless of when the products were made.

These two concepts give different results, the first gives the value of products made and the second the value of products sold. For a large number of industries where normally there is no significant changes in the opening and closing inventories, these two sets of figures may be used interchangeably as they both reveal more or less the value of production and are, therefore, comparable with figures for previous years. There are, however, a number of large key industries with substantial changes in their opening and closing inventories. In such industries the new concept gives quite different results to that obtained formerly. Valid comparisons cannot, therefore, be made with previous years. To get comparable production figures the sales figures must first be adjusted for inventory changes.

The manufacturing industries of Canada in 1953 again established new records in both the value of products made and the value of products shipped. Shipments at $17,785,416,854 were 4.7 p.c. higher, while products made valued at approximately $17,894,600,000 increased by 5.4 p.c. over 1952. The greater increase in production was due to an accumulation of finished products inventory by manufacturers which rose from $987,516,000 at the end of 1952 to $1,096,699,000 in 1953, an increase of $109,183,000. There was also an increase of 6.8 p.c. in the physical volume of production. However, due to a drop in the price of fully and partly manufactured products, the increase in the value of production was only 5.4 p.c. Accompanying the rise in output was an increase of 3.0 p.c. in the number of persons employed, with an increase of 8.8 p.c. in the salaries and wages paid. Salary and wage payments at $3,957,018,348 were the highest on record and exceeded the previous high reported in 1952 by $319,398,188.

As mentioned previously the physical volume of production advanced 6.8 p.c. in 1953, with the durable goods industries reporting an increase of 9.8 p.c. and non-durable goods 4.1 p.c. The electrical apparatus and supplies group with 23.8 p.c. experienced the greatest expansion in the volume of production, due mostly to the large-scale production of television sets. Next in order with 15.3 p.c. came non-metallic mineral products and the miscellaneous industries groups, followed by transportation equipment with 16.9 p.c.; tobacco and tobacco products 11.3 p.c.; products of petroleum and coal and wood products, each with 9.9 p.c.; clothing (textile and fur) 8.4 p.c.; rubber products 7.2 p.c.; leather products 6.8 p.c.; printing, publishing and allied industries 6.4 p.c.; non-ferrous metal products 4.8 p.c.; chemicals and allied products 4.4 p.c.; beverages 4.0 p.c.; paper products 3.9 p.c.; and textiles (except clothing) 1.9 p.c. There were only two major groups that reported minor declines in volume. The food group declined by 0.8 p.c. and the iron and steel products group by 0.6 p.c.

Manufacturing establishments reporting in 1953 numbered 38,107. Of these 939 were located in Newfoundland, 216 in Prince Edward Island, 1,591 in Nova Scotia, 1,094 in New Brunswick, 12,132 in Quebec, 13,114 in Ontario, 1,540 in Manitoba, 1,062 in Saskatchewan, 2,072 in Alberta, 4,317 in British Columbia, and 30 in the Yukon and Northwest Territories. These plants furnished employment to 1,327,451 persons who received $3,957,018,348 in salaries and wages. They also shipped goods with a selling value at the factory of $17,785,416,854 and spent $9,380,558,682 for materials, while the value added by manufacture totalled $7,993,069,351. The value added is obtained by subtracting the cost of materials, including fuel and electricity, from the value of the products. The difference represents the value added to the materials by labour. It is this difference which the employer of labour uses to pay for the labour itself, the overhead expenses, interest and profits. Compared with the previous year there was an increase of $549,536,152 in the value added by manufacture.

To calculate the value of production, it is necessary to adjust the value of shipments for the difference between the opening and closing inventories of finished goods. As the census of industry schedules for 1952 and 1953 did not contain data on opening and closing inventories, no calculation can be made directly for value of production. For these two years, therefore, the value added by manufacture is obtained by subtracting from the shipments the cost of materials, including fuel and electricity. The value added thus obtained is somewhat different to the actual value. For example, the actual value added by manufacture in 1953 for manufacturing as a whole, would be about $109,183,000 higher than the figures given in Table I of this report.

Percentage changes in manufacturing production of each province from 1944 (the wartime high) to 1949 and from 1949 to 1953 were as follows:

Province	1949 Compared with 1944[1]			1953 Compared with 1949[2]		
	Number of employees	Earnings	Gross value of products	Number of employees	Earnings	Gross value of products
Newfoundland[3]	—	—	—	+ 16.9	+ 50.4	+ 41.6
Prince Edward Island	- 2.2	+ 25.9	+ 69.2	+ 3.5	+ 45.1	+ 28.0
Nova Scotia	- 22.5	- 8.8	+ 21.1	+ 9.3	+ 39.7	+ 29.2
New Brunswick	+ 1.2	+ 36.7	+ 52.2	+ 4.4	+ 35.1	+ 27.8
Quebec	- 8.0	+ 21.2	+ 29.3	+ 13.1	+ 51.4	+ 42.2
Ontario	- 1.3	+ 33.8	+ 40.6	+ 13.9	+ 54.6	+ 45.4
Manitoba	+ 2.5	+ 37.2	+ 34.7	+ 4.3	+ 40.7	+ 23.2
Saskatchewan	- 12.3	+ 25.8	+ 23.0	+ 7.0	+ 45.4	+ 23.6
Alberta	+ 19.1	+ 65.9	+ 47.1	+ 25.2	+ 68.0	+ 49.4
British Columbia	- 13.7	+ 9.9	+ 46.2	+ 13.2	+ 52.9	+ 42.5
Canada	**- 4.8**	**+ 26.9**	**+ 36.7**	**+ 13.1**	**+ 52.5**	**+ 42.4**

1. Excluding Newfoundland.
2. Including Newfoundland.
3. Exclusive of fish processing.

Tables 1 to 3 give a picture of the growth of manufacturing, in general, as shown by comparable principal statistics, i.e., establishments, capital, employees, salaries and wages paid, cost of materials and values of products. A number of interesting comparisons are made in Table 4 and figures of consumption are given in Table 5.

TABLE 1. Summary Statistics of Manufactures, 1917-53

Note. Statistics of manufacturing from 1870 have been published, but between that year and 1917 they are not on a comparable basis to the series given below. They will be found in Table 1 in the 1942 edition of this report. Statistics of the non-ferrous metal smelting industries were included in manufactures for the first time in 1925.

Year	Establishments	Capital	Employees	Earnings	Cost at plant of materials used	Value added by manufacture[1]	Gross value of products
	No.	$	No.	$	$	$	$
1917	21,845	2,333,991,229	606,523	497,801,844	1,539,678,811	1,281,131,980	2,820,810,791
1918	21,777	2,518,197,329	602,179	567,991,171	1,827,631,548	1,399,794,849	3,227,426,397
1919	22,083	2,670,559,435	594,066	601,715,668	1,779,056,765	1,442,400,638	3,221,457,403
1920	22,532	2,923,667,011	598,893	717,493,876	2,085,271,649	1,621,273,348	3,706,544,997
1921	20,848	2,697,858,073	438,555	497,399,761	1,365,292,885	1,123,694,263	2,488,987,148
1922	21,016	2,667,493,,290	456,256	489,397,230	1,272,651,585	1,103,266,106	2,375,197,691
1923	21,080	2,788,051,630	506,203	549,529,631	1,456,595,367	1,206,332,107	2,662,927,474
1924	20,709	2,895,317,508	487,610	534,467,675	1,422,573,946	1,075,458,459	2,570,561,931
1925[2]	20,981	3,065,730,916	522,924	569,944,442	1,571,788,252	1,167,936,726	2,816,864,958
1926[2]	21,301	3,208,071,197	559,161	625,682,242	1,712,519,991	1,305,168,549	3,100,604,637
1927[2]	21,501	3,454,825,529	595,052	662,705,332	1,741,128,711	1,427,649,292	3,257,214,876
1928[2]	21,973	3,804,062,566	631,429	721,471,634	1,894,027,188	1,597,887,676	3,582,345,302
1929[2]	22,216	4,004,892,009	666,531	777,291,217	2,029,670,813	1,755,386,937	3,883,446,116
1930[2]	22,618	4,041,030,475	614,696	697,555,378	1,664,787,763	1,522,737,125	3,280,236,603
1931	23,083	3,705,701,893	528,640	587,566,990	1,221,911,982	1,252,017,248	2,555,126,448
1932	23,102	3,380,475,509	468,833	473,601,716	954,381,097	955,960,724	1,980,471,543
1933	23,780	3,279,259,838	468,658	436,247,824	967,788,928	919,671,181	1,954,075,785
1934	24,209	3,249,348,864	519,812	503,851,055	1,229,513,621	1,087,301,742	2,393,692,729
1935	24,034	3,216,403,127	556,664	559,467,777	1,419,146,217	1,153,485,104	2,653,911,209
1936	24,202	3,271,263,531	594,359	612,071,434	1,624,213,996	1,289,592,672	3,002,403,814
1937	24,834	3,465,227,831	660,451	721,727,037	2,006,926,787	1,508,924,867	3,625,459,500
1938	25,200	3,485,683,018	642,016	705,668,589	1,807,478,028	1,428,286,778	3,337,681,366
1939	24,805	3,647,024,449	658,114	737,811,153	1,836,159,375	1,531,051,901	3,474,783,528
1940	25,513	4,095,716,836	762,244	920,872,865	2,449,721,903	1,942,471,238	4,529,173,316
1941	26,293	4,905,503,966	961,178	1,264,862,643	3,296,547,019	2,605,119,788	6,076,308,124
1942	27,862	5,488,785,545	1,152,091	1,682,804,842	4,037,102,725	3,309,973,758	7,553,794,972
1943	27,652	6,317,166,727	1,241,068	1,987,292,384	4,690,493,083	3,816,413,541	8,732,860,999
1944	28,483	3	1,222,882	2,029,621,370	4,832,333,356	4,015,776,010	9,073,692,519
1945	29,050	3	1,119,372	1,845,773,449	4,473,668,847	3,564,315,899	8,250,368,866
1946	31,249	3	1,058,156	1,740,687,254	4,358,234,766	3,467,004,980	8,035,692,471
1947	32,734	3	1,131,750	2,085,925,966	5,534,280,019	4,292,055,802	10,081,026,580
1948	33,420	3	1,155,721	2,409,368,190	6,632,881,628	4,938,786,981	11,875,169,685
1949[4]	35,792	3	1,171,207	2,591,890,657	6,843,231,064	5,330,566,434	12,479,593,300
1950[4]	35,942	3	1,183,297	2,771,267,435	7,538,534,532	5,942,058,229	13,817,626,381
1951[4]	37,021	3	1,258,375	3,276,280,917	9,074,526,353	6,940,946,783	16,392,187,132
1952[4]	37,929	3	1,288,382	3,637,620,160	9,146,172,494	7,443,533,199	16,982,687,035[5]
1953[4]	38,107	3	1,327,451	3,957,018,348	9,380,558,682	7,993,069,351	17,785,416,854[5]

1. For 1924 and subsequent years the value added by manufacture is computed by subtracting the cost of fuel and electricity and the cost of materials from the gross value. Figures prior to 1924 are not comparable because statistics for cost of electricity are not available.
2. A change in the method of computing the number of wage-earners in the years 1925 to 1930, inclusive, increased the number somewhat over that which the method otherwise used would have given. In 1931, however, the method in force prior to 1925 was re-adopted.
3. Not collected.
4. Includes Newfoundland.
5. In 1952 the basis of collection was changed from "value of products made" to "selling value of factory shipments" in a number of industries.

TABLE 2. Summary Statistics of Manufactures, by Provinces, Significant Years, 1917-53

Province and Year	Establishments	Capital	Employees	Earnings	Cost at plant of materials used	Value added by manufacture	Gross value of products
	No.	$	No.	$	$	$	$
Newfoundland:							
1949	793	4	6,934	15,486,336	31,228,173	32,918,776	67,264,282
1950	850	4	6,682	16,246,252	31,505,623	36,712,377	71,062,850
1951*	822	4	9,622	22,681,246	43,117,299	53,690,187	100,642,613
1952[1]	948	4	10,303	25,233,851	45,477,620	56,109,014	105,459,684
1953[1]	939	4	10,575	26,604,908	44,972,021	57,784,697	106,524,603
Prince Edward Island:							
1917	411	2,008,082	1,556	663,251	3,087,621	1,750,135	4,837,756
1920	370	2,328,686	1,287	855,210	4,164,223	2,135,857	6,300,080
1929[2]	263	2,646,354	2,074	727,286	2,862,725	1,466,446	4,408,608
1933	249	2,256,307	991	529,684	1,590,834	1,126,826	2,775,787
1939	222	2,682,900	1,088	617,945	2,239,117	1,243,979	3,543,681
1944	241	4	1,786	1,694,763	6,993,510	3,570,835	10,713,644
1948	254	4	1,759	2,073,985	12,634,785	4,217,680	17,074,084
1949	251	4	1,747	2,133,555	13,537,144	4,338,320	18,123,200
1950	244	4	1,786	2,342,180	15,243,042	4,284,417	19,811,023
1951	237	4	1,735	2,459,553	17,177,748	5,046,797	22,523,439
1952[1]	224	4	1,795	2,805,622	15,786,399	5,957,097	22,069,671
1953[1]	216	4	1,809	3,095,845	16,963,798	5,878,761	23,198,970
Nova Scotia:							
1917	1,337	124,357,851	25,252	18,838,051	102,415,215	57,565,703	159,980,918
1920	1,345	135,679,188	23,425	25,625,089	85,724,785	61,371,243	147,096,028
1929[2]	1,094	118,951,398	19,986	16,905,885	50,725,562	35,676,421	89,787,548
1933	1,277	92,004,624	12,211	9,604,680	25,354,319	19,988,257	47,912,432
1939	1,083	101,954,082	17,627	16,651,685	43,332,195	35,885,563	83,139,572
1944	1,281	4	37,812	59,940,411	103,463,123	93,376,638	204,421,664
1948	1,440	4	30,348	52,553,200	140,761,593	95,774,483	246,111,683
1949	1,480	4	29,311	54,686,577	135,841,899	102,294,298	247,592,389
1950	1,482	4	28,479	54,888,061	147,131,045	97,780,564	255,887,499
1951	1,474	4	30,512	63,975,754	172,115,336	119,486,630	303,619,234
1952[1]	1,533	4	33,371	75,245,387	183,141,366	130,715,000	326,839,747
1953[1]	1,591	4	32,040	76,390,755	180,543,535	127,917,165	320,012,264
New Brunswick:							
1917	943	60,300,907	19,710	12,893,014	32,380,621	27,027,725	59,408,346
1920	901	101,216,395	19,007	19,266,821	60,812,641	45,803,164	106,615,805
1929[2]	803	91,376,948	17,952	15,127,716	39,800,366	26,640,786	68,145,012
1933	747	90,148,317	11,336	9,308,100	20,442,421	18,166,713	41,345,622
1939	803	91,171,323	14,501	13,659,162	35,617,614	27,041,195	66,058,151
1944	937	4	23,164	32,345,080	83,993,599	62,258,478	152,106,577
1948	1,067	4	24,325	43,918,687	134,410,529	91,404,150	234,579,684
1949	1,060	4	23,446	44,219,819	131,804,253	91,187,375	231,506,191
1950	1,107	4	23,863	46,386,069	148,066,224	106,204,409	263,753,067
1951	1,084	4	24,505	53,546,882	176,358,864	120,594,955	307,173,504
1952[1]	1,077	4	24,251	55,978,462	164,760,874	117,837,471	293,759,782
1953[1]	1,094	4	24,471	59,753,045	163,797,711	120,617,345	295,750,419
Quebec:							
1917	7,032	662,012,975	188,043	141,008,616	385,212,984	380,882,409	766,095,393
1920	7,530	878,859,638	183,748	202,516,550	553,558,520	499,643,217	1,053,201,737
1929[2]	6,948	1,246,208,650	206,580	225,226,808	537,270,055	537,796,395	1,108,592,775
1933	7,856	1,035,339,591	157,481	134,696,386	292,560,568	288,504,782	604,496,078
1939	8,373	1,182,538,441	220,321	223,757,767	536,823,039	470,385,279	1,045,757,585
1944	9,656	4	424,115	668,156,053	1,494,253,053	1,350,519,134	2,929,685,183
1948	11,107	4	383,835	756,078,652	1,954,111,943	1,533,798,259	3,598,870,345
1949	11,579	4	390,275	809,579,270	2,027,793,643	1,651,629,668	3,788,497,123
1950	11,670	4	390,163	851,334,700	2,225,476,250	1,798,320,105	4,142,473,290
1951	11,861	4	417,182	1,005,601,680	2,696,638,646	2,083,933,751	4,916,157,419
1952[1]	12,024	4	429,698	1,125,944,703	2,745,618,113	2,288,643,279	5,176,234,825
1953[1]	12,132	4	441,555	1,225,573,314	2,816,373,112	2,424,647,499	5,386,784,863
Ontario:							
1917	9,061	1,157,850,643	299,389	258,393,065	794,556,502	662,174,261	1,456,730,763
1920	9,113	1,464,097,346	295,674	362,941,317	1,071,843,374	792,267,562	1,864,110,936
1929[2]	9,348	1,986,736,556	328,533	406,622,627	1,056,530,202	916,971,816	2,020,492,433
1933	9,542	1,587,947,947	224,816	220,530,088	464,544,563	465,103,842	958,776,858
1939	9,824	1,762,571,669	318,871	378,376,209	907,011,461	791,428,569	1,745,674,707
1944	10,731	4	564,392	975,038,060	2,310,347,858	1,930,043,913	4,339,797,784
1948	12,118	4	551,556	1,210,438,044	3,118,084,345	2,486,007,774	5,742,269,854
1949	12,951	4	557,190	1,305,544,434	3,256,454,918	2,708,554,013	6,103,804,834
1950	12,809	4	566,513	1,412,999,146	3,598,821,495	3,068,141,837	6,822,953,981
1951	13,025	4	599,433	1,669,386,982	4,334,394,367	3,569,400,065	8,074,731,217
1952[1]	13,172	4	609,696	1,844,186,405	4,387,431,403	3,811,106,576	8,372,173,626
1953[1]	13,114	4	634,554	2,017,982,218	4,560,134,562	4,130,126,462	8,876,504,990

* Includes for the first time the fish processing industry.

TABLE 2. Summary Statistics of Manufactures, by Provinces, Significant Years, 1917-53 — Concluded

Province and Year	Establishments	Capital	Employees	Earnings	Cost at plant of materials used	Value added by manufacture	Gross value of products
	No.	$	No.	$	$	$	$
Manitoba:							
1917	732	82,566,858	18,939	16,513,423	69,715,149	42,280,801	111,995,950
1920	747	94,424,145	23,728	32,372,081	92,729,271	62,776,912	155,506,183
1929[2]	861	121,363,898	24,012	31,224,596	87,832,324	63,925,015	155,266,294
1933	1,010	100,074,404	18,871	18,687,430	44,579,998	37,390,275	83,934,777
1939	1,087	119,659,365	23,910	28,444,798	82,408,293	48,810,544	134,293,595
1944	1,290	4	40,937	62,758,081	226,234,925	120,339,926	352,334,594
1948	1,399	4	40,522	79,230,931	296,606,269	157,426,179	461,974,200
1949	1,520	4	41,956	86,088,380	299,101,498	167,335,495	474,681,912
1950	1,507	4	40,985	88,701,601	300,384,707	177,051,583	485,906,206
1951	1,512	4	41,459	100,170,966	349,203,612	192,848,667	551,346,046
1952[1]	1,531	4	43,365	112,147,572	347,664,650	216,814,306	574,037,212
1953[1]	1,540	4	43,740	121,126,279	345,403,115	229,797,439	584,872,459
Saskatchewan:							
1917	560	24,372,585	6,230	5,403,332	22,040,674	13,894,179	35,934,853
1920	554	24,640,520	6,709	9,571,175	34,894,105	22,610,861	57,504,966
1929[2]	594	43,925,797	7,025	9,105,597	51,003,566	23,002,952	75,368,605
1933	673	38,688,433	4,782	4,848,763	19,124,030	11,478,634	31,559,387
1939	737	37,654,095	6,475	7,346,127	38,782,135	20,283,273	60,650,589
1944	1,054	4	12,361	17,703,103	131,215,017	40,833,333	175,349,234
1948	926	4	10,950	21,038,911	172,423,275	45,053,786	221,363,603
1949	962	4	10,841	22,273,942	164,349,341	47,356,949	215,742,708
1950	887	4	10,596	23,010,469	164,557,306	49,494,641	218,079,955
1951	973	4	11,023	26,290,294	185,151,455	61,088,606	250,813,026
1952[1]	1,022	4	11,307	29,489,862	172,388,119	80,934,157	258,931,776
1953[1]	1,062	4	11,604	32,395,518	180,303,942	79,941,332	266,613,086
Alberta:							
1917	636	49,146,241	9,461	8,662,417	42,632,212	23,883,673	66,515,885
1920	666	48,310,655	10,955	15,210,628	56,139,646	29,812,891	85,952,537
1929[2]	736	81,875,952	12,216	14,585,734	62,500,175	36,824,969	100,966,196
1933	874	69,604,563	9,753	9,573,468	29,425,975	18,876,929	49,395,514
1939	961	73,284,225	12,712	14,977,700	53,151,149	32,618,153	87,474,080
1944	1,165	4	22,186	33,227,729	172,082,537	77,415,753	252,949,894
1948	1,567	4	25,690	49,735,336	253,754,967	107,124,387	366,079,501
1949	1,685	4	26,425	55,115,554	251,364,059	114,681,296	371,995,120
1950	1,671	4	26,732	58,416,324	272,131,049	123,892,868	402,840,023
1951	2,118	4	29,105	69,135,587	309,430,618	141,649,574	458,281,384
1952[1]	2,150	4	31,765	82,527,194	331,817,141	178,221,013	518,410,811
1953[1]	2,072	4	33,082	92,605,153	346,221,162	199,660,428	555,814,827
British Columbia:							
1917[3]	1,133	171,375,087	37,943	35,426,675	87,637,833	71,673,094	159,310,927
1920[3]	1,306	174,110,438	34,360	49,135,005	125,405,084	104,851,641	230,256,725
1929[3]	1,569	311,806,456	48,153	57,764,968	141,145,838	113,082,137	260,418,645
1933[3]	1,552	263,195,652	28,417	28,469,225	70,166,220	59,034,923	133,879,330
1939	1,710	274,969,502	42,554	53,881,994	136,655,872	103,263,292	247,948,600
1944	2,116	4	96,062	178,639,118	303,560,016	337,137,197	655,844,689
1948	3,525	4	86,599	193,954,224	549,275,003	417,600,758	985,516,621
1949	3,493	4	82,934	196,403,722	531,112,329	409,665,348	959,008,088
1950	3,696	4	87,375	216,656,977	634,177,837	479,606,261	1,133,016,956
1951	3,897	4	93,647	262,626,283	789,840,417	592,448,565	1,404,880,341
1952[1]	4,225	4	92,667	283,530,976	751,011,248	556,172,312	1,332,481,862
1953[1]	4,317	4	93,844	300,921,318	724,495,754	615,686,215	1,366,823,690
Yukon and N.W.T.:							
1939	5	538,847	55	97,766	138,500	92,054	242,968
1944	12	4	67	118,972	189,718	280,803	489,256
1948	17	4	137	346,220	818,919	379,525	1,330,110
1949	18	4	148	359,068	643,807	604,896	1,377,453
1950	19	4	123	285,656	1,039,954	569,167	1,741,531
1951	18	4	152	405,690	1,097,991	758,986	2,018,909
1952[1]	23	4	164	530,126	1,075,561	1,022,974	2,288,039
1953[1]	30	4	177	569,995	1,349,970	1,012,008	2,516,683

1. See footnote 5, Table 1.
2. See footnote 2, Table 1.
3. Includes Yukon.
4. Not collected.

TABLE 3. Summary Statistics of Manufactures, by Industrial Groups, 1945-53

Industrial Group and Year	Establishments	Employees	Earnings	Cost at plant of materials used	Value added by manufacture	Gross value of products
	No.	No.	$	$	$	$
Foods and beverages:						
1945	8,872	156,396	224,908,882	1,336,820,028	558,247,045	1,921,774,601
1946	8,862	160,821	241,769,865	1,408,818,069	604,120,647	2,040,708,650
1947	8,869	167,865	276,245,015	1,656,529,086	695,092,932	2,383,975,675
1948	8,686	168,893	311,235,818	2,034,844,290	766,434,971	2,839,531,142
1949	8,558	170,024	332,536,319	2,009,246,062	834,017,547	2,882,581,753
1950	8,401	167,664	346,714,443	2,102,437,260	885,322,008	3,029,810,604
1951	8,388	172,493	392,859,435	2,419,206,798	985,240,884	3,450,030,515
1952[2]	8,263	175,552	429,650,055	2,333,089,054	1,091,944,158	3,472,516,950
1953[2]	8,129	176,649	455,280,552	2,296,739,737	1,146,473,720	3,491,961,511
Tobacco and tobacco products:						
1945	86	12,164	15,738,041	79,176,519	42,985,992	122,543,932
1946	95	10,849	14,410,558	79,255,405	39,981,625	119,634,216
1947	91	10,880	16,234,772	97,121,002	49,221,094	146,793,011
1948	79	10,459	19,550,563	95,851,271	57,666,963	153,993,442
1949	72	10,686	21,896,378	113,357,196	58,529,226	172,420,213
1950	68	10,322	22,628,918	122,610,179	65,175,854	188,330,523
1951	62	9,826	24,438,218	119,590,053	59,033,325	179,177,093
1952[2]	61	9,277	25,405,072	144,537,670	70,777,110	215,914,370
1953[2]	55	9,494	26,765,643	138,491,048	75,015,218	214,145,491
Rubber products:						
1945	55	23,490	39,111,477	78,500,892	98,836,225	181,413,226
1946	60	22,055	37,813,363	62,135,578	93,451,248	159,408,113
1947	60	23,475	46,613,893	82,934,625	110,673,007	196,307,734
1948	56	21,703	48,273,015	84,223,731	106,999,669	194,111,934
1949	62	20,729	48,172,207	73,895,718	101,705,513	178,503,559
1950	61	21,812	54,262,864	101,773,382	134,061,761	239,184,510
1951	67	23,054	64,357,696	146,951,650	161,184,980	311,678,489
1952[2]	70	21,582	65,477,683	120,799,295	162,493,060	286,654,629
1953[2]	72	22,600	70,994,643	114,336,694	172,674,055	290,735,459
Leather products:						
1945	706	34,123	43,268,635	95,006,015	71,297,713	167,888,463
1946	776	37,290	49,712,628	108,702,945	82,319,495	192,749,456
1947	792	35,724	52,628,612	123,894,474	86,646,061	212,430,165
1948	757	34,291	55,122,863	114,819,233	86,947,703	203,758,501
1949	747	34,900	59,699,886	117,869,462	91,157,684	210,804,174
1950	747	32,990	57,809,677	121,217,195	87,419,427	210,563,013
1951	711	31,578	59,668,764	135,114,110	84,885,048	221,882,794
1952[2]	701	32,103	66,153,490	115,714,505	101,511,149	219,200,929
1953[2]	695	33,068	70,965,495	116,416,179	103,937,262	222,410,182
Textile products: (except clothing)						
1945	664	66,011	88,372,939	217,289,281	165,689,522	391,182,025
1946	720	67,366	95,637,733	215,853,616	178,852,730	402,966,184
1947	747	73,979	116,228,736	289,986,732	215,170,493	514,844,838
1948	722	75,816	141,002,245	331,943,622	261,774,544	604,946,333
1949	847	77,773	156,166,554	339,644,950	285,641,367	636,824,130
1950	846	80,328	169,175,142	412,682,853	315,556,761	741,262,685
1951	892	81,710	185,030,489	495,304,102	337,936,447	846,477,303
1952[2]	918	72,739	178,689,466	418,522,518	312,627,434	744,141,645
1953[2]	959	73,190	184,604,616	388,324,584	299,231,284	700,690,265
Clothing: (textile and fur)						
1945	2,676	99,959	131,478,496	251,899,847	222,307,384	476,754,319
1946	2,988	105,868	146,265,152	285,568,957	263,018,398	551,331,576
1947	3,121	110,329	166,951,727	311,018,817	300,527,093	614,594,703
1948	3,100	115,105	191,866,371	361,216,438	345,028,807	709,688,704
1949	3,058	117,752	206,512,782	371,128,833	352,741,236	727,498,836
1950	3,051	116,248	211,223,347	377,552,172	352,889,623	734,214,334
1951	3,083	115,733	222,364,947	405,347,118	370,672,177	780,012,025
1952[2]	3,041	117,668	240,539,672	443,956,596	405,091,338	853,151,206
1953[2]	3,082	120,071	254,425,960	439,262,654	414,503,222	857,981,013
Wood products:						
1945	7,656	93,209	119,833,932	240,482,275	208,979,657	454,447,165
1946	8,846	105,472	142,338,538	297,923,979	256,436,946	560,341,251
1947	9,744	120,434	186,467,946	398,854,196	365,050,223	771,403,332
1948	10,495	124,306	214,741,924	428,913,571	401,401,795	839,045,068
1949	11,191	121,632	224,902,644	436,637,453	393,928,758	840,355,634
1950	11,301	126,169	246,325,125	510,565,003	463,853,510	985,859,493
1951	11,975	131,278	283,062,074	610,807,577	529,300,377	1,153,376,772
1952[2]	12,467	130,468	299,430,981	618,979,510	534,155,313	1,167,629,531
1953[2]	12,462	134,310	325,619,252	649,731,056	577,381,926	1,242,014,812
Paper products:						
1945	475	60,819	109,627,174	255,265,326	241,121,150	536,859,861
1946	486	67,442	134,320,546	313,410,656	333,819,710	695,085,534
1947	502	73,445	168,632,394	410,456,570	443,374,435	911,238,813
1948	522	75,980	197,397,810	485,237,427	509,993,037	1,061,359,807
1949	524	76,471	208,348,621	494,300,501	532,288,636	1,093,060,326
1950	528	77,519	225,197,438	541,260,626	638,111,352	1,251,144,125
1951	547	82,889	276,521,006	683,488,653	827,924,962	1,589,842,162
1952[2]	543	82,965	292,682,283	694,190,401	736,217,142	1,510,148,791
1953[2]	555	84,436	310,107,707	717,460,043	767,273,583	1,568,250,521
Printing, publishing and allied trades:						
1945	2,312	43,565	74,257,775	52,655,848	132,385,988	186,945,134
1946	2,404	48,950	86,433,880	65,501,698	154,951,731	222,548,636
1947	2,458	52,096	101,611,652	82,585,466	178,667,051	263,632,152
1948	2,496	54,541	119,087,977	96,384,499	208,208,175	307,345,914
1949[1]	3,866	61,834	141,489,984	124,684,351	250,162,704	377,908,182
1950[1]	3,869	63,125	154,369,637	135,510,227	274,098,833	413,011,915
1951[1]	4,019	64,694	170,828,730	152,753,412	295,642,569	452,142,515
1952[2]	4,124	64,485	186,250,715	160,393,787	326,662,173	490,934,851
1953[2]	4,157	66,530	205,626,554	175,222,037	364,363,975	543,752,372

TABLE 3. Summary Statistics of Manufactures, by Industrial Groups, 1945-53 – Concluded

Industrial Group and Year	Establishments	Employees	Earnings	Cost at plant of materials used	Value added by manufacture	Gross value of products
	No.	No.	$	$	$	$
Iron and steel products:						
1945	1,903	169,278	313,966,173	395,624,098	527,473,688	952,482,150
1946	2,086	151,373	279,567,770	337,981,814	461,501,765	824,766,017
1947	2,200	162,399	334,044,246	451,289,335	580,342,444	1,064,654,410
1948	2,263	170,071	400,878,271	570,290,989	709,347,226	1,320,527,400
1949	2,347	163,622	413,227,553	619,499,256	760,934,249	1,419,145,725
1950	2,390	164,528	438,244,749	662,332,192	817,060,278	1,524,384,478
1951	2,435	183,323	547,314,615	860,565,510	991,334,800	1,904,650,130
1952[2]	2,625	189,191	617,010,924	947,993,190	1,134,043,024	2,135,031,744
1953[2]	2,698	188,236	643,474,127	906,165,239	1,140,931,549	2,098,551,079
Transportation equipment:						
1945	504	154,844	326,748,794	498,241,686	523,910,119	1,034,666,913
1946	539	100,745	200,097,765	301,206,839	279,333,127	590,128,311
1947	562	104,348	230,898,680	426,573,091	366,151,761	803,611,372
1948	578	101,816	255,504,526	509,910,825	419,133,597	941,483,906
1949	596	104,750	270,852,111	584,064,330	466,529,164	1,063,211,331
1950	601	104,176	290,436,378	674,833,465	552,171,399	1,239,579,727
1951	599	122,517	368,106,433	870,178,794	657,424,400	1,541,589,828
1952[2]	617	146,360	473,118,450	1,009,470,570	778,347,604	1,803,699,823
1953[2]	621	156,059	555,411,152	1,110,953,581	961,205,155	2,089,937,633
Non-ferrous metal products:						
1945	436	44,221	81,889,942	337,872,041	180,653,076	548,853,026
1946	474	40,855	75,855,699	311,082,975	148,492,336	484,618,453
1947	503	43,344	91,046,568	434,517,197	201,162,856	668,074,514
1948	503	46,048	108,778,616	556,238,618	248,225,806	844,598,154
1949	532	44,698	114,591,106	537,218,214	289,125,045	867,043,028
1950	536	44,680	119,535,596	606,691,788	311,539,390	960,751,814
1951	536	50,114	150,733,704	797,412,763	406,616,836	1,253,599,168
1952[2]	552	50,938	167,045,084	744,596,427	414,920,456	1,215,118,447
1953[2]	551	52,058	178,710,057	726,128,115	458,180,471	1,242,010,994
Electrical apparatus and supplies:						
1945	247	44,129	76,468,795	92,041,030	135,919,899	230,531,874
1946	266	43,998	74,510,479	101,939,272	129,968,926	234,572,653
1947	296	52,736	103,891,016	162,131,266	200,859,040	366,506,203
1948	314	53,873	122,113,644	180,344,829	241,333,960	425,725,279
1949	365	55,916	137,278,521	212,460,413	269,341,983	486,286,355
1950	382	60,262	155,334,065	260,306,027	315,136,176	580,578,386
1951	373	67,626	194,749,038	316,561,307	353,602,872	676,008,959
1952[2]	401	69,200	217,564,936	313,713,170	395,933,805	715,873,342
1953[2]	422	76,856	250,646,777	383,743,994	457,489,516	848,190,254
Non-metallic mineral products:						
1945	700	20,269	32,959,877	41,488,955	76,318,456	130,704,796
1946	833	24,387	39,651,286	49,957,966	94,591,439	160,476,827
1947	863	26,443	50,456,143	66,266,546	115,277,990	201,786,910
1948	934	27,278	58,816,381	72,577,633	134,897,744	232,148,324
1949	1,020	28,139	64,594,354	78,401,065	143,872,615	246,457,799
1950	1,045	29,603	72,380,410	91,168,605	168,377,747	286,541,363
1951	1,042	31,522	86,078,972	109,011,701	195,348,829	334,875,398
1952[2]	1,057	31,422	92,818,919	115,217,568	203,692,859	350,051,630
1953[2]	1,094	34,352	107,275,074	134,118,848	239,815,853	408,909,192
Products of petroleum and coal:						
1945	80	11,532	22,904,418	188,899,911	65,637,131	270,166,984
1946	77	12,106	24,197,354	190,527,903	79,046,757	286,007,855
1947	80	12,769	28,689,932	257,420,851	84,073,746	361,333,008
1948	75	13,678	34,766,341	369,035,161	97,064,006	491,961,894
1949	77	14,552	39,783,500	391,036,128	117,819,090	533,730,719
1950	76	15,177	44,425,368	442,418,483	144,488,664	616,126,299
1951	82	15,598	51,947,890	497,982,695	179,872,590	709,550,035
1952[2]	101	16,905	63,573,173	519,629,241	225,825,749	780,436,047
1953[2]	100	17,112	66,565,434	576,310,641	211,552,953	823,089,340
Chemicals and allied products:						
1945	986	61,339	107,050,824	228,855,956	252,944,165	498,630,798
1946	1,031	38,012	67,842,339	179,749,719	208,399,498	401,741,703
1947	1,046	39,237	78,993,517	238,310,157	234,056,973	488,307,293
1948	1,026	39,548	89,325,771	293,041,874	268,818,222	579,827,509
1949	1,037	41,328	100,690,662	280,008,945	288,171,551	587,398,215
1950	1,033	41,475	106,794,403	307,705,741	317,166,711	646,870,510
1951	1,037	45,664	131,310,151	366,957,695	384,026,141	776,489,391
1952[2]	1,075	47,694	148,075,675	357,818,760	414,087,592	796,562,234
1953[2]	1,105	50,207	164,590,810	403,686,331	448,276,576	881,503,845
Miscellaneous industries:						
1945	692	24,024	37,187,275	83,549,139	59,608,689	144,523,599
1946	706	20,567	30,262,299	48,617,375	58,718,602	108,607,036
1947	800	22,247	36,291,117	44,390,608	65,708,603	111,532,447
1948	814	22,315	40,906,054	48,007,617	75,510,756	125,116,374
1949	893	26,401	51,147,475	59,778,187	94,600,066	156,363,321
1950	1,007	27,219	56,409,875	67,469,334	99,628,735	169,312,602
1951	1,173	28,756	66,908,755	87,292,415	120,899,546	210,804,555
1952[2]	1,313	29,833	74,133,582	87,550,232	135,203,233	225,620,866
1953[2]	1,350	32,223	85,954,495	103,467,901	154,763,033	261,282,891

1. Increase is due to the inclusion for the first time of establishments that publish periodicals without doing any printing.
2. See footnote 5, Table 1.

The figures in Table 4 trace the tendencies in Canadian manufacturing industries as clearly as possible from 1917 to 1953. In analysing statistics of production and materials used, price changes should be borne in mind, particularly the inflation of values in the years immediately following World War I, the drop in prices of commodities during the depressions following 1921 and 1930, and the increases again in the recent war and post-war period. The figure that shows most clearly the trend of development is concerned with the use of power. The total horse-power employed increased from 1,658,475 in 1917 to 10,397,703 in 1953, an advance of about 527 p.c. in 36 years. In the same period, horse-power per production employee showed an interrupted trend from 3.06 to 10.82 in 1933 and 9.46 in 1939. With the large increase in the number of production employees on war production, and the more efficient utilization of the equipment available, the horse-power per production employee dropped to 6.28 in 1944; the increasing installation of power machinery and the decline in employment after the war resulted in a rise to 8.52 in 1948 and 9.87 in 1953. The significant feature is the increase in both the absolute figures of power employed and the averages per production employee during the depression years as compared with 1929, although the large numbers of persons again finding employment since 1933 reduced the averages for the years 1934 to 1937 and again for 1940 to 1945. Other interesting comparisons are the trend of value added by manufacture, per employee, and of average earnings since 1929. Between 1949 and 1953 the value of purchased fuel and electricity increased by 34.7 per cent; for full details of fuel and electricity used by the manufacturing industries see Tables 57 and 58.

TABLE 4. Significant Statistics of Manufactures for Certain Years 1917-1953

Item		1917	1920	1929[1]	1933
Establishments	No.	21,845	22,532	22,216	23,780
Totals, employees	"	606,523	598,893	666,531	468,658
Averages per establishment	"	27.8	26.6	30.0	19.7
Totals, earnings	$	497,801,844	717,493,876	777,291,217	436,247,824
Averages, per establishment	$	22,788	31,843	34,988	18,345
Averages, per employee	$	821	1,198	1,166	931
Supervisory and office employees	No.	64,918	78,334	88,841	86,636
Averages, per establishment	"	3.0	3.5	4.0	3.6
Earnings	$	85,353,667	141,837,361	175,553,710	139,317,946
Averages, per employee	$	1,315	1,811	1,976	1,608
Production workers	No.	541,605	520,559	577,690	382,022
Averages, per establishment	"	24.8	23.1	26.0	16.1
Earnings	$	412,448,177	575,656,515	601,737,507	296,929,878
Averages, per employee	$	762	1,106	1,042	777
Cost of materials	$	1,539,678,811	2,085,271,649	2,029,670,813	967,788,928
Averages, per establishment	$	70,482	92,547	91,361	40,698
Averages, per employee	$	2,539	3,482	3,045	2,065
Values added by manufactures[3]	$	1,281,131,980	1,621,273,348	1,755,386,937	919,671,181
Averages, per establishment[3]	$	58,646	71,954	79,015	38,674
Averages, per employee[3]	$	2,112	2,707	2,634	1,962
Gross value of products	$	2,820,810,791	3,706,544,997	3,883,446,116	1,954,075,785
Averages, per establishment	$	129,128	164,501	174,804	82,173
Averages, per employee	$	4,651	6,189	5,286	4,170
Power employed	H.P.	1,658,475	2,068,875	3,855,648	4,135,008
Averages, per establishment	"	76	92	174	174
Averages, per production worker	"	3.06	3.97	6.67	10.82

Item		1939	1944	1949	1953
Establishments	No.	24,805	28,483	35,792	38,107
Totals, employees	"	658,114	1,222,882	1,171,207	1,327,451
Averages, per establishment	"	26.5	42.9	32.7	34.8
Totals, earnings	$	737,811,153	2,029,621,370	2,591,890,657	3,957,018,348
Averages, per establishment	$	29,744	71,257	72,415	103,840
Averages, per employee	$	1,121	1,660	2,213	2,981
Supervisory and office employees	No.	124,772	192,558	221,551	274,225
Averages, per establishment	"	5.0	6.8	6.2	7.2
Earnings	$	217,839,334	418,065,594	628,427,937	1,016,679,409
Averages, per employee	$	1,746	2,171	2,836	3,707
Production workers	No.	533,342	1,030,324	949,656	1,053,226
Averages, per establishment	"	21.5	36.2	26.5	27.6
Earnings	$	519,971,819	1,611,555,776	1,963,462,720	2,940,338,939
Averages, per employee	$	975	1,564	2,068	2,792
Cost of materials	$	1,836,159,375	4,832,333,356	6,843,231,064	9,380,558,682
Averages, per establishment	$	74,024	169,657	191,194	246,163
Averages, per employee	$	2,790	3,952	5,843	7,067
Values added by manufactures[3]	$	1,531,051,901	4,015,776,010	5,330,566,434	7,993,069,351
Averages, per establishment[3]	$	61,724	140,989	148,932	209,753
Averages, per employee[3]	$	2,326	3,284	4,551	6,021
Gross value of products	$	3,474,783,528	9,073,692,519	12,479,593,300	17,785,416,854[4]
Averages, per establishment	$	140,084	318,565	348,670	466,723
Averages, per employee	$	5,280	7,420	10,655	13,398
Power employed	H.P.	5,045,287	6,468,439	[2]	10,397,703
Averages, per establishment	"	203	227	[2]	273
Averages, per production worker	"	9.46	6.28	[2]	9.87

1. A change in the method of computing the number of production workers in the years 1925 to 1930, inclusive, increased the number somewhat over that which the method otherwise used would have given. There was, therefore, a proportionate reduction in the averages for 1925-30 per employee as compared with what these averages would have been under the other method. In 1931, however, the method in force prior to 1925 was re-adopted. The figures for 1931 and later years are therefore comparable with those for 1924 and earlier years.
2. Not collected since 1949.
3. See footnote 1, Table 1.
4. See footnote 5, Table 1.

Consumption of Manufactured Products.—One of the beneficial results of adopting the same classification for external trade and for production is exhibited in Table 5, where the value of commodities made available for consumption in Canada is derived from these statistics. For example, the value of all manufactured commodities made available in 1953 was $18,523,565,572, a figure obtained by adding to the value of manufactured products the value of the imports of manufactured and partly manufactured goods and deducting the value of the exports. In this table more accurate statistics could be presented were it possible to exclude from the gross value of manufactured products the duplications involved when the products of one manufacturing establishment become the material worked upon in another. Iron, vegetable, wood and paper, non-ferrous metals and textiles were, in that order, the leading groups in the value of finished products made available for consumption in 1953.

Animal, wood and paper, and non-ferrous metal products were manufactured in Canada in greater quantities than required for home consumption, providing export balances in these groups.

On balance, Canada in the past imported large quantities of iron and steel, textiles, chemicals and non-metallic mineral products in spite of large home production. The expansion of the iron and steel, chemical and non-metallic mineral products industries will enable Canada to meet more of her requirements for home consumption and to export greater quantities in the future.

Significant changes have taken place since 1939 in the type of manufactured products made available for consumption. In that year, the iron and its products group was in leading position and contributed 19.8 per cent of the total value of manufactured products. In 1953 this group was still in first place, but the percentage went up to 23.5. The non-ferrous metal and the wood and paper products groups also increased their share of the total. Although the non-metallic mineral products group declined somewhat, the three mineral groups, combined, increased substantially their share of the total from 35.9 in 1939 to 42.1 in 1953. This indicates a higher standard of living for the Canadian people and also reflects the great expansion and diversification in manufacturing which has taken place since 1939. The industries producing consumer goods, on the other hand, suffered a relative decline. Vegetable products dropped from 19.6 to 14.4 per cent, textiles from 13.3 to 8.4 per cent, animal products from 11.8 to 10.0 per cent, etc. The following table gives the relative position of the major industrial groups in 1939 and 1953.

Manufactured Products Made Available for Comsumption

(Percentage of the Total)

Group	1939	1953	Group	1939	1953
Vegetable products	19.6	14.4	Non-ferrous metal products	8.9	11.7
Animal products	11.8	10.0	Non-metallic mineral products	7.2	6.9
Textiles and textile products	13.3	8.4	Chemicals and allied products	5.3	4.7
Wood and paper products	11.6	18.9	Miscellaneous industries	2.5	1.5
Iron and its products	19.8	23.5	**Total**	**100.0**	**100.0**

TABLE 5. Consumption of Manufactured Products, 1928-53, and by Industrial Groups, 1953

Year	Value of products manufactured	Manufactured and partly manufactured goods [1]		Value of manufactured products available for consumption
		Value of net imports	Value of domestic exports	
1928	3,582,345,302	954,387,551	698,376,615	3,838,356,238
1929	3,883,446,116	939,130,201	686,876,071	4,135,700,246
1930	3,280,236,603	675,828,233	490,108,470	3,465,956,366
1931	2,555,126,448	423,519,849	347,456,198	2,631,190,099
1932	1,980,471,543	281,855,757	267,765,614	1,994,561,686
1933	1,954,075,785	298,068,344	365,232,113	1,886,912,016
1934	2,393,692,729	357,320,284	419,094,297	2,331,918,716
1935	2,653,911,209	385,597,041	582,041,141	2,457,467,109
1936	3,002,403,814	468,455,981	676,890,803	2,793,968,992
1937	3,625,459,500	566,876,483	781,099,407	3,411,236,576
1938	3,337,681,366	472,193,253	587,758,795	3,222,115,824
1939	3,474,783,528	542,364,930	646,853,938	3,370,294,520
1940	4,529,173,316	807,636,948	913,049,979	4,423,760,285
1941	6,076,308,124	1,123,994,913	1,292,855,603	5,907,447,434
1942	7,553,794,972	1,283,884,068	2,056,368,079	6,781,310,961
1943	8,732,860,999	1,305,838,746	2,444,862,298	7,593,837,447
1944	9,073,692,519	1,302,413,996	2,668,575,781	7,707,530,734
1945	8,250,368,866	1,117,544,874	2,352,441,796	7,015,471,944
1946	8,035,692,471	1,390,123,100	1,701,677,026	7,724,138,545
1947	10,081,026,580	1,928,250,119	2,124,740,343	9,884,536,356
1948	11,875,169,685	1,869,702,089	2,259,247,456	11,485,624,318
1949	12,479,593,300	2,043,583,929	2,017,055,615	12,506,121,614
1950	13,817,526,381	2,289,162,070	2,239,733,915	13,866,954,536
1951	16,392,187,132	3,034,709,829	2,749,091,256	16,677,805,705
1952	16,982,687,035[3]	3,125,381,333	2,892,543,945	17,215,524,423
Industrial Groups, 1953[2]				
Vegetable products	2,553,043,649	243,365,107	220,942,512	2,575,466,244
Animal products	1,788,686,145	47,532,242	100,083,146	1,736,135,241
Textiles and textile products	1,488,759,548	297,548,191	22,706,780	1,763,600,959
Wood and paper products	3,369,498,811	153,360,817	1,231,305,534	2,291,554,094
Iron and its products	4,173,007,606	1,482,001,152	327,595,061	5,327,413,697
Non-ferrous metal products	2,090,201,248	329,952,541	528,557,434	1,891,596,355
Non-metallic mineral products	1,231,998,532	274,089,469	96,443,473	1,409,644,528
Chemicals and allied products	830,660,405	220,107,211	137,885,215	912,882,401
Miscellaneous industries	259,560,910	471,461,773	115,750,630	615,272,053
Totals, 1953	**17,785,416,854[3]**	**3,519,418,503**	**2,781,269,785**	**18,523,565,572**

1. Figures for the years 1928-38 are for the fiscal years ended Mar. 31 of the following years: for 1939-53 they are for the calendar year. Net imports are total imports less foreign products re-exported.

2. Consumption figures for the major groups of the Standard Industrial Classification cannot be calculated as statistics of imports and exports are still compiled on the component material classification basis.

3. See footnote 5, table 1.

SECTION 2. VALUE AND VOLUME OF MANUFACTURED PRODUCTS

Value of Manufactured Products.—In the interpretation of manufacturing values over a number of years, variations in the level of prices must be borne in mind. In recent years, due to violent changes in prices, unadjusted value series, used in isolation, have become increasingly inadequate as indicators of economic trends. Of necessity, interest has shifted to measures of volume. The range of prices since 1917, on the base period 1935-39 = 100, was as follows:

Year	General Wholesale	Fully or Chiefly Manufactured Products
1917	148.9	150.9
1920	203.2	208.2
1929	124.6	123.7
1933	87.4	93.3
1939	99.2	101.9
1951	240.2	242.4
1952	226.0	230.7
1953	220.7	228.8

Volume of Manufactured Products.—Since real income is ultimately measured in goods and services, the growth of the volume of manufacturing production, as distinguished from its value, becomes a matter of great significance. The important thing to know is whether consumers are getting more goods and services, and not whether they are expending more dollars and cents. The field of industrial production, because of its dominating position in the national economy, has attracted increasing attention. This, in turn, has resulted in the need for more accurate measurements of physical output.

During the past few years, the Business Statistics Section of the Bureau's Research and Development Division has been engaged in the reconstruction of the Index of Industrial Production. The project consisted mainly of establishing annual gross and net levels of production for each industry from census of industry data and of improving the reliability of the current monthly series. For a description of the methods used in constructing the indexes and a description of its scope, see D.B.S. Reference Paper No. 34 "Revised Index of Industrial Production, 1935-1951".

The construction of this index was made possible by the availability of a great deal of basic data. Annual statistics valuable for this project have been collected by the Bureau without interruption from the end of the first World War to the present, and the scope of the monthly information has been greatly expanded. Applying the methods developed through the experience of the last quarter century, it has been possible to compute an index with a fair measure of accuracy from 1935 to the present.

Prior to the end of the first World War, the movement of industrial production was regarded as following the output of a few factors such as pig iron. The introduction of the index number placed the information on a much wider base. It is safer to base one's impression of the current trend upon a comprehensive index embracing a wide range of economic factors than upon any limited group of components that necessarily fluctuate according to particular influences.

An index of this kind offers considerable advantage in analyzing social and economic problems. The greatest call for the index is for the interpretation of current economic conditions. It is particularly relevant in the study of business fluctuations. While the index is based on the sectors of the economy that are particularly sensitive to short term influences, it also reflects a large part of the variations in the total of all economic activity. The output of mines and factories plays a dominant part in economic fluctuations and is closely associated with transport and trade which are mainly concerned with the distribution of commodities. The barometric nature of the industrial sector enhances the value of the index as an indicator of short-term movements but its usefulness in the interpretation of long-term economic developments should not be overlooked.

The Canadian annual Census of Industry, from which final benchmark indexes are computed, covers practically all establishments, but excludes work in the home. In the matter of repairs, the census of manufactures generally excludes work performed in connection with a service trade such as boot and shoe and automobile repairs. However, the census covers repairs carried on essentially under industrial conditions, such as ship and locomotive repairs. Consequently only industrial-type repairs are included in the index.

The framework of the revised index is based on the new Standard Classification of Industries prepared by an interdepartmental working committee. The preceding system used by the Bureau of Statistics was of a three-fold nature based on (1) chief component material; (2) purpose and (3) origin. The first principle was used most extensively, the criteria of purpose and origin having been used for the presentation of supplementary series which played a secondary role in Bureau publications.

The main innovation introduced in the Standard Classification was the compromise between the different principles. In recent years, Canada's industrial system has undergone considerable development, from a country primarily concerned with the early stages in the processing of primary materials to one that is turning out more and more goods for final consumption. Consequently, in establishing the new classification, the concept of "purpose" has been combined with that of "chief component material" in the framework of the classification of manufacturing industries. The purpose phase was regarded as most appropriate for the wide range of consumer goods such as clothing and foods and beverages.

The industries grouped under the component material phase of the classification from 1935 to 1948 were re-arranged to conform with the standard model. As most of the industries were not greatly affected by the change in classification they were transferred intact to the proper position in the new system. The standard classification, for the most part, provided for comparability at the industry level. It was applied to establishments for the first time in the 1949 census of manufactures. In a number of industries, where the change in classification seriously disturbed the continuity, establishments were re-combined for the whole period covered by the index. The manufacture of synthetic rubber, for example, was transferred from the rubber industry to "miscellaneous chemicals". Plants engaged in the production for distribution of manufactured gas were transferred from "coke and gas" to the gas and electricity division. The salt industry was adjusted so as to comprise only processing operations for inclusion in the manufacturing division of the index. Three minor industries which were reclassified to non-industrial groups were dropped from the computation.

The appropriate series in the manufacturing division were re-classified to obtain sub-indexes of economic significance. The movement of durable goods normally varies from that of non-durables. There tends to be greater fluctuation in durables from prosperity to depression, the demand for non-durables being more constant. The manufacturing division was therefore divided, at the major group level, as between durable manufactures and non-durable manufactures. Although these groupings are rather rough and ready, they are of great use in economic analysis. The classification into producers' and consumers' goods, attempted in some countries, involves more difficulty as many intermediate commodities have alternate uses, and was not attempted here.

Volume of Production, 1923-35.—The indexes of volume of production, 1923-1935 given in Table 6 below were constructed in the General Manufactures Section of the Industry and Merchandising Division for the years 1923 to 1946. On comparing the index for 1935 given in Table 6 which stood at 87.9 with the new index for 1935 at 86.5 given in Table 7, it would appear that for the back years little significant variation existed between the two series. The indexes in Table 6 may therefore be used in evaluating the changes in the volume of manufacturing production between 1923 and 1935.

The physical volume of manufacturing production increased 50 p.c. from 1923 to 1929. When it is recalled that the population of Canada is estimated to have increased only 11 p.c. during the same period, the growth of manufacturing production is indeed remarkable. Of this advance, the part resulting from an increase in the domestic demand due to growth of population would therefore be about 11 p.c. Exports of partly and fully manufactured goods increased from $591,830,000 in the fiscal year ended Mar. 31, 1924, to $686,876,000 in the fiscal year 1929-30, the increase in exports representing about 3.6 p.c. of the 1923 production. The remainder of the increase in production by 1929, or a margin equal to roughly 35 p.c. of the volume of manufactures of 1923, was, therefore, apparently absorbed by increases in capital equipment and by the rise in the standard of living of the population of Canada. From a high of 101.4 in 1929 the volume of production declined to 67.6 in 1932 and climbed again to 87.9 in 1935.

TABLE 6. Indexes of the Volume of Manufacturing Production, According to the Component Material Classification, 1923-35

(1935-39 = 100)

Year	Vegetable	Animal	Textiles	Wood and paper	Iron	Non-ferrous metal	Non-metallic mineral	Chemicals	Miscellaneous	All industries
1923	62.6	75.0	64.3	65.1	81.5	42.7	81.8	59.2	99.5	67.5
1924	67.8	80.4	62.1	64.0	68.6	46.4	78.9	60.5	95.0	66.3
1925	75.1	84.8	66.5	69.0	79.9	52.5	80.3	64.8	94.5	72.5
1926	80.2	92.2	75.8	78.1	102.6	58.6	89.6	70.5	104.4	82.5
1927	84.9	90.0	81.4	84.1	104.1	67.6	102.3	75.2	114.2	87.9
1928	93.5	92.9	87.0	92.5	117.1	75.3	116.3	82.7	110.5	95.8
1929	96.4	87.9	86.1	99.6	133.4	81.3	137.1	84.8	105.6	101.4
1930	91.6	85.3	80.0	92.1	108.6	76.8	122.9	74.9	87.8	91.9
1931	83.4	77.4	78.2	76.6	82.8	73.1	105.6	69.2	80.0	79.9
1932	74.1	76.7	74.6	68.0	53.5	58.9	75.1	66.0	75.8	67.6
1933	72.8	79.6	81.1	69.6	50.2	57.6	68.8	69.9	71.9	67.7
1934	82.4	86.5	89.5	81.5	67.6	70.8	82.5	79.3	85.2	79.6
1935	87.0	91.3	94.5	89.5	83.4	81.2	88.1	87.2	91.1	87.9

Volume of Production, 1935-1953. The period covered by this report was characterized by unprecedented industrial expansion. Emerging from a depression practically world-wide in scope, industrial operations in this country entered a period of rapid growth which was maintained throughout the war and post-war years without important interruption.

A problem confronting business economists is to determine how much of the post-war industrial "drive" was due to normal growth factors and how much of it was caused by the backlog of war accumulated demand. While it is true that the greatest demand accumulation took place in housing and consumer durables, non-durables such as textiles and clothing also started the post-war period with a sizeable backlog of unfilled demand. It is now becoming apparent, after the vigorous pace of business following the outbreak of hostilities in Korea, that a considerable portion of this demand has been satisfied and some industries, notably textiles, clothing, agricultural implements and some major appliances, are experiencing difficulties. However, overall prospects appear bright for the near future. The increased productive activity which will result from the present very high level of capital investment is not as yet fully reflected in current production statistics. Huge expansion and development programmes are well under way in iron ore, aluminum and other metals, oil, chemicals, electric power, and in a number of other industries. In addition, federal government expenditures for national defence should still exert some influence on the economic picture.

The volume of output of manufactures rose steeply after the outbreak of hostilities in 1939. Productive facilities responded quickly to the urgent requirements of the armed forces. In the early days of the war, production assignments alloted were comparatively simple, but as the pre-war weapons became absolete and as Canada proved herself capable of turning out larger and more complex equipment, the assignments constantly shifted, changed and grew more difficult. The production figures merely suggest the magnitude of the achievement. They cannot describe the tremendous effort needed to convert a semi-agricultural country into a wartime arsenal nor the complications which arose because of shortages of manpower, tools and materials.

The productive peak was reached in 1944, when weapons, supplies and equipment were rolling off the assembly lines at record-breaking pace. The end of hostilities and the subsequent reconversion to peace-time production were attended with declines in output in 1945 and 1946. The upward trend was resumed, however, in 1947. The rate of advance slackened moderately in 1948 and 1949 but regained most of its 1947 impetus in 1950 when the renewal of hostilities in Korea resulted in heavy anticipatory buying on the part of consumers and in growing expenditures for national defence. A remarkable feature is that in 1952, the index of the volume of manufacturing production which stood at 246.3 had surpassed the record wartime level of 242.3 established in 1944. The index continued to advance in 1953, reaching a record high of 263.0

TABLE 7. Indexes of the Total Volume of Manufacturing Production, Classified on the Basis of Durable and Non-Durable Goods, 1935-1953

(1935-39 = 100)

Year	All manufactures	Non-durable manufactures	Durable manufactures
1935	86.5	89.0	82.7
1936	95.5	97.1	93.1
1937	109.3	106.7	113.2
1938	100.6	98.9	103.2
1939	108.1	108.2	107.9
1940	134.4	124.6	149.7
1941	175.9	148.7	218.5
1942	215.7	169.4	288.1
1943	234.5	171.5	333.0
1944	242.3	179.8	340.1
1945	209.8	176.3	262.1
1946	189.9	180.2	205.1
1947	207.7	191.2	233.5
1948	215.5	197.1	244.4
1949	217.0	198.2	246.3
1950	228.1	208.3	259.1
1951	242.1	214.0	285.9
1952	246.3	215.2	294.9
1953	263.0	224.1	323.9

Non-durable Manufactures

The trend of output in the non-durable sector of manufacturing was visibly smoother than in the durable sector. Except in two years, 1938 and 1945, there has been no interruption in the upward movement of production during the period under review. Despite the fact that war contracts quickened the pace of output in some of the industries, production continued to expand after the war, although at a slower rate. Unlike durable goods, non-durable commodities are mostly consumers' goods and are less influenced by sudden changes in the international situation or the capital investment programmes of producers and governments. By 1953 the non-durables index of output had reached 224.1, the highest on record.

The production of **processed foods and beverages** rose without pause throughout the period. A characteristic of most **manufactured foods** industries is the high ratio of the value of materials consumed to the value of products, indicating a relatively low degree of fabrication per unit of output. The "net" aggregates for these industries are consequently extremely sensitive to even minor changes in the composition of production or in the amount of processing applied to the raw materials. The advance in the production of beverages was practically uninterrupted from 1935 to the present. In 1953, the volume of output was more than 3 times what it was in the base period. The largest increases were recorded in the **aerated waters** and **brewing** industries. The indexes of these industries attained levels approaching 367 and 358 in 1953. **Wine** production, after reaching a peak in 1947, dropped 36 per cent in the following three years. Some recovery was recorded in 1951 and 1952. In 1953, however, there was again a drop of about 14 per cent in the production of new wine. Output of **liquor** climbed steadily until 1946 when the index reached 209. During the next four years, the volume of production fluctuated within narrow limits and in 1952 advanced sharply to an index level of 260, with a further rise to 290 in 1953.

The great demand for cigarettes for members of the armed forces during the war contributed largely to the considerable increase in the **tobacco products** index which reached the record level of 230 in 1945. The index dropped to 204 the following year, but rose gradually thereafter to 228 in 1950. Weakening demand led to a decline of 7 per cent in 1951. Rapid recovery was made during the next two years with the index rising to 269.6 in 1953, highest on record.

The contribution of the **"Rubber Products"** industry to the war effort was mainly in the form of tires and tubes for military vehicles and aircraft. Production of passenger car tires and tubes was sharply curtailed as was the output of rubber footwear. After marked increases in 1940 and 1941, the index remained more or less stationary at around 150 until 1945 when civilian production was resumed and the index jumped to 180. The industry-wide strike in 1946 contributed to a decline in that year, but record-breaking demand for the industry's output led to sharp advances in the following years, and in 1951 the index had reached the maximum level of 264. In 1952 there was a drop of 7 per cent, and in 1953 there was a rise which brought the index back to the 1951 level of 264.

Output of **leather products** rose steadily until 1946 when the index reached a high point of 168. The subsequent easing of foreign demand for the industry's products contributed to the gradual decline of production in the post-war period with the result that this industry has shown the smallest growth of any in the manufacturing sector. In 1953, volume of output was only 37 per cent greater than in the base period. Production of leather tanneries was only 1.5 per cent higher than in 1935-39, while the output of boots and shoes was 57 per cent higher. Since 1946 the overall index dropped 19 per cent.

The **textile (ex. clothing)** industries reached their maximum wartime level of output in 1942 when the net index stood at 187. Production then fell off gradually until 1946 but recovered sharply in the post-war period to an index level of 212 in 1950. A slackening of demand for textile products in the latter half of 1951 resulted in a moderate decline in the index for that year with a further drop to 184 in 1952 and a slight improvement to 188 in 1953. The movements of individual industries within the group have varied over the period. After reaching its highest level in 1942, the production of **cotton goods** declined steadily until 1947. After varying but fractionally in 1948 and 1949, output jumped 16 per cent in 1950, and remained practically unchanged in 1951, the recession in the last six months of the year just about offsetting the gains recorded in the first half. With continuing adverse conditions, the index dropped to a post-war low 123 in 1952, with a slight rise to 129 in 1953. Contributing to the higher level of net output during the period 1940-1943 in this industry was the comparatively sharp increase in production of piece-dyed and printed and painted fabrics which require considerably more processing than ordinary grey fabrics. When output of these two types of cloth declined to more normal levels, the change was reflected in the annual indexes.

Since 1938, the production index for **synthetic textiles** showed an unbroken record of increases and in 1951 stood at 393. In 1953 the index declined to 340. Much of the credit for increasing consumer acceptance of synthetics belongs to the achievements of research in improving manufacturing and dyeing techniques and in the development of new combinations of various fibres with a new range of qualities and practical applications.

Synthetic fibres are now being used in the fabrication of a host of commodities such as suitings, overcoatings, blankets, carpets, draperies, upholstery products, tire fabrics, etc., in addition to hosiery, dress fabrics and other women's wear. Moreover, Canadian producers are now supplying the bulk of domestic synthetic raw material requirements which were formerly imported from the United States. As a result, new investment outlays by the industry have increased considerably in the post-war period.

The trend in the physical output of **clothing** was similar to that of other textiles, the production index reaching a peak of 162 in 1942, then declining gradually until 1945. Since then, output fluctuated within narrow limits, rising to a post-war high of 159 in 1949, a low of 150 in 1951 and with a further rise to 154 in 1952. In 1953 the index rose sharply to 167, which is an all-time high. The industry is now facing keen competition and a more selective retail demand. By improving manufacturing methods and styling, the industry hopes to make available more desirable merchandise at lower prices. Weak demand contributed to a marked decline in the level of new investment in durable physical assets. Funds expended for new plant, machinery and equipment dropped from $15.7 million in 1949 to $11.9 million for 1950, and rose to an average of $13.4 million during the past three years.

Production of **paper products** advanced sharply in the post-war period. The level of the index remained relatively steady from 1941 to 1944, but increased 54 per cent in the succeeding seven years to a record figure of 248. In 1952 the index dropped to 236 and increased to 245 in 1953. Activity in this sector of manufacturing is influenced mainly by the **"Pulp and Paper"** industry, which, in terms of value added, is the most important single manufacturing industry. In the last few years, the net value contributed by pulp and paper mills was more than twice that of any other industry. The growth of this industry during the period under review was characterized by two distinct phases. From 1935 to the end of the war, new investment by the industry was designed mainly to replace worn-out machinery and equipment and increases in output were principally the result of utilizing idle capacity after the depression of the thirties. Since 1945, however, with strong world demand for wood pulp and newsprint, together with the availability of necessary materials for expansion, the construction of new plant and the installation of new machinery and equipment reached record proportions. Investment in new plant and equipment, which averaged $98 million during the previous three years dropped to $92 million in 1953, a decrease of $24 million from the record high reported in 1952.

In recent years, a greater proportion of pulp retained for consumption in Canada has been used for the manufacture of fine papers. The increase in newsprint production in later years has not kept pace with the more processed varieties of paper. In the base period, for example, newsprint accounted for 71 per cent of the total volume of output in the industry, whereas in 1947 it contributed only 61 per cent. This was a factor in the increasing ratio of net output to gross output in the post-

war period. Another contributing cause was the declining consumption of purchased power per unit of output. This appears to be evidence of the greater utilization of capacity and technological progress. A counter-acting influence was the gain in pulp made for export, which resulted in a drop in proportion of the quantity available for further processing in Canada.

The **printing and publishing** industries expanded very little during the war years. In 1944, output was only about 15 per cent greater than in the base period. Production grew rapidly, however, after the end of hostilities and in 1953, volume of output was more than double what it was in the five pre-war years, although this represents a substantially smaller advance than total manufacturing. The post-war increase coincided with the gain in the value of new investment which was mainly in the form of machinery and equipment to make up for deficiencies dating back to the depressed thirties and the war years. Investment in fixed assets totalled $24 million in 1951 and $16 million in 1953 as compared with only about $2 million in 1944.

With few interruptions, output of **petroleum and coal** products rose steadily over the period under review to an index of 324 in 1953. Although production of **coke** failed to exceed its record wartime volume, **petroleum refining**, as the result of record-breaking post-war demand for gasoline and fuel oils, showed a marked expansion. In 1953, the production index stood at 385 compared with a wartime high of 170 in 1944. In recent years, the industry has added substantially to its refining capacity. From 1947 to 1951, expenditures for new plant, machinery and equipment which averaged more than $37 million a year rose to $66 million in 1953. Some of this rapid growth is associated with the remarkable progress made in the exploitation of western crude oil reserves. In 1953, oil from domestic wells represented 46 per cent of the total consumed by Canadian refineries. This compared with a contribution of 22 per cent in 1949.

Output of **chemical products** which include ammunition and explosives reached a record-high level in 1944 when the index stood at 390. Production in the post-war period has been at a considerably lower level, but increased significantly since 1950, with the advent of the defence programme. The expansion of the industry during the war made possible the manufacture of many products which were formerly imported. In addition, several entirely new products, such as synthetic rubber, were introduced. Demand for these commodities continued in the post-war period and the development of new sources of basic materials, together with the progress of research into additional commercial uses for these new compounds resulted in further expansion of production for civilian use.

The rapid wartime advance was mainly the result of the enlargement of the munition programme with the government and private industry combining forces in the construction of a huge explosives and ammunition-filling industry. At its peak in 1943, the production index for **explosives and ammunition** was 20 times higher than in the base period. Output dropped very rapidly after the end of the war and in 1946 the index was down to 107.

Since the Government-owned Polymer Corporation began producing **synthetic rubber** in 1943, output of this important commodity has expanded considerably, to a total of 90,000 tons in 1953. Production declined somewhat in 1947 and 1948 when imports of natural rubber were resumed, but recovered strongly to record levels since 1950, as the defence programme gathered momentum and as the rubber requirements of the motor vehicles industry rose to a new maximum. During 1953, synthetic rubber accounted for 49 per cent of total new rubber consumed in Canada. This commodity is classified to the **"Miscellaneous Chemicals"** industry.

TABLE 8. Indexes of the Volume of Manufacturing Production of the Groups Comprised within the Non-Durable Manufactures Classification, 1935-1953
(1935-39 = 100)

Year	Non-durable manufactures										
	Foods	Beverages	Tobacco and tobacco products	Rubber products	Leather products	Textile products (except clothing)	Clothing (textile and fur)	Paper products	Printing, publishing and allied trades	Products of petroleum and coal	Chemicals and allied products
1935	88.8	78.6	80.7	87.9	95.9	91.1	91.8	90.0	93.9	87.6	85.7
1936	97.7	93.2	88.9	96.2	96.3	101.7	97.0	98.9	99.5	95.7	92.1
1937	101.6	109.5	101.2	112.3	105.7	110.2	104.8	114.0	105.6	104.6	107.4
1938	102.5	107.2	110.9	97.0	93.3	88.8	98.4	91.7	98.9	102.7	103.5
1939	109.4	111.5	118.2	106.6	108.7	108.2	108.0	105.4	102.2	109.4	111.3
1940	119.4	131.0	126.6	116.5	116.1	147.6	125.5	126.6	102.1	125.9	136.2
1941	139.1	151.9	140.9	154.4	141.1	167.5	141.8	143.7	113.4	141.1	210.9
1942	144.3	174.5	171.5	150.6	150.0	186.8	161.9	143.4	114.4	138.2	345.8
1943	156.0	162.0	183.8	147.0	151.1	172.1	156.7	140.0	111.7	150.0	369.3
1944	171.1	190.5	200.6	149.0	149.6	162.0	147.1	149.1	114.9	171.8	390.4
1945	170.0	205.1	230.2	180.2	155.0	160.5	146.6	161.2	125.8	167.5	292.8
1946	177.2	234.4	204.4	158.0	167.9	161.7	152.9	188.9	143.8	167.4	237.7
1947	181.5	249.4	211.9	230.7	148.7	172.9	147.7	207.4	163.3	181.2	245.5
1948	183.0	270.9	215.8	227.6	129.6	180.2	156.0	217.7	177.2	199.0	243.2
1949	180.3	285.7	224.4	208.5	133.5	186.0	159.4	213.7	183.8	218.0	239.5
1950	183.6	282.9	227.5	251.9	126.8	212.4	155.7	230.4	195.3	243.5	253.7
1951	188.7	297.7	212.2	264.3	117.0	208.6	149.7	247.8	194.7	274.9	267.8
1952	195.5	323.6	242.3	246.4	128.0	184.1	154.4	235.5	192.4	295.1	272.4
1953	194.0	336.6	269.6	264.2	136.7	187.6	167.3	244.7	204.8	324.3	284.4

Durable Manufactures

The tremendous increase in physical output during the war years was mostly concentrated in the durable goods sector. When war was declared in September, 1939, there were virtually no armament works, no production of large ships and large planes, no guns, no tanks. Within a few years Canadian plants were turning out naval and merchant ships, warplanes ranging up to the 15-ton Lancaster bomber, military vehicles, millions of rounds of ammunition and hundreds of other war items. On the base of 1935-39 the new volume index of durable manufactures reached a peak of 340 in 1944. In the following two years it declined sharply and stood at 205 in 1946. Since then it has regained almost half the lost ground, and reached 324 in 1953.

The largest gain occurred in the output of **transportation equipment.** Due principally to the tremendous increases in production of ships and aircraft, the index for this group of industries rose to the record level of 694 in 1944, the year of maximum war production. After reaching a post-war low of 222 in 1946, the index rose moderately during the next three years, but, spurred by the great demand for passenger cars and by the renewal of defence production, marked gains were made since 1950, with the index climbing to 436 in 1953.

The **iron and steel** group of industries was also considerably affected by war requirements. As most of the industries in this sector were more firmly established in the pre-war period, they did not expand relatively to the same extent as shipbuilding and aircraft. When European supplies were cut off early in the war, the Canadian basic steel industry had to rely on the United States for a greater supply and had to increase its own steel-making capacity to meet abnormal wartime requirements. However, development of the industry did not halt

with end of hostilities. Canada's industrialization programme, together with strong post-war demand for consumers' durable goods, led to steady expansion of the industry so that by 1953, the index for the group stood at 291. Compared with pre-war, pig iron output had more than tripled, and steel ingot and casting production had risen by 170 and 74 per cent respectively. The additional capacity constructed during the past few years should reduce still further the country's dependence on United States imports of finished and semi-finished iron and steel shapes. Indicative of the rapid growth of the industry in recent years is the amount of funds expended for new plant, machinery and equipment. From an average annual expendition of $62 million during the previous five years new investment jumped to $136 million in 1952 and $114 million in 1953.

To meet the need for electrical and radar equipment and signalling devices, the **"Electrical Apparatus and Supplies"** industry manufactured articles during the war which were previously not made in Canada. Output of civilian radio receiving sets and appliances was severely curtailed as the industry converted the major part of its productive capacity to the manufacture of war instruments. The production index reached a wartime peak of 312 in 1944 and declined during the next two years. The industry recovered rapidly, however, as a result of accumulated demand for radios, consumers' appliances and heavy electrical equipment, and by 1952 the index had jumped 60 per cent from its 1946 post-war low, to a level of 393. Due mainly to the heavy demand for television sets, the index in 1953 advanced sharply to 487 an increase of 24 per cent over the previous year.

Production in the **non-ferrous metals** group of industries reached a wartime maximum in 1943 when the net index stood at 285. During the next three years, output dropped 44 per cent, but recovered steadily thereafter, backed by sustained demand for base metals. Aluminum is being fabricated into an ever-increasing variety of commodities, and production of aluminum bars and rods, sheets, shapes, etc., reached record proportions in the post-war period. During the war years, aluminum sheet production was of a strong alloy type used principally in aircraft construction and required more fabrication than the regular type of sheet used in the production of cooking utensils and other civilian items. The index in 1953 stood at 243.

Military requirements did not affect the nature of output in the **non-metallic mineral products** group of industries. In war or peace, the bulk of production consists of construction materials such as cement, cement products, building brick, lime and gypsum products, glass, stone products, etc. During the war, under government control, a major proportion of these industries' products were channelled into construction of new war production plants, extensions to pre-war plants, housing for war workers and the building of training and operation facilities for the armed services. No serious reconversion problems were encountered by the non-metal industries immediately following the war. After a slight pause, following the peak of wartime output, plants turned their productive capacity towards meeting the unprecedented demands of the post-war construction boom. From a wartime maximum of 212 in 1943, the volume index dropped moderately in 1944 and 1945, but rose steeply in succeeding years to reach the record level of 399 in 1953.

In the durables sector, the **wood-using** industries were the least affected by the war. The volume of output of wood products expanded steadily without any serious interruption throughout the war and post-war years. In 1953 the index stood at 235, the highest on record. The two most important industries are **"Sawmills"** and **"Furniture"**. The index representing the former, after reaching a wartime maximum of 140 in 1942, declined considerably in 1943, and hovered around 124 during the next two years. Beginning in 1946, output rose sharply, spurred by strong foreign and domestic demand for sawn lumber and by 1951, the index had advanced to 168, but declined to 164 in 1952. Some improvement took place in 1953 with the index advancing to 177. Production in the furniture industry expanded throughout the period under review. The great increase in residential construction in the post-war period, together with the marked gain in new family formations created a boom for producers of house furnishings. Output of furniture jumped sharply in the three years immediately following the end of the war and rose more gradually during the subsequent period.

TABLE 9. Indexes of the Volume of Manufacturing Production of the Groups Comprised within the Durable Manufactures Classification, 1935 - 1953
(1935-39 = 100)

Year	Durable manufactures						
	Wood products	Iron and steel products	Transportation equipment	Non-ferrous metal products	Electrical apparatus and supplies	Non-metallic mineral products	Miscellaneous manufactures
1935	85.3	80.5	90.0	78.5	83.8	75.7	88.1
1936	95.8	93.0	93.5	91.5	91.2	91.7	96.1
1937	108.0	118.1	114.3	106.5	118.7	117.4	104.1
1938	102.2	100.7	101.0	109.3	102.4	105.5	103.5
1939	108.8	107.7	101.3	114.3	103.8	109.8	108.2
1940	132.1	162.3	165.1	138.0	152.9	138.4	119.4
1941	150.2	238.0	291.8	193.5	225.8	184.9	170.7
1942	156.0	315.9	439.9	255.3	273.5	209.8	248.2
1943	148.4	362.4	562.8	284.9	310.5	211.6	314.6
1944	153.4	326.2	693.7	256.2	312.1	205.3	317.1
1945	155.6	265.2	453.7	193.4	258.1	195.8	275.9
1946	175.0	222.6	221.5	160.1	247.3	221.4	225.0
1947	195.6	249.9	239.5	182.8	316.8	269.8	233.4
1948	200.7	270.4	232.6	201.6	328.5	283.7	224.5
1949	202.3	264.5	243.9	200.5	333.8	284.4	261.6
1950	215.1	263.2	262.2	212.8	367.6	314.6	281.7
1951	220.6	292.2	315.0	234.7	392.3	342.1	283.2
1952	214.1	292.7	373.1	232.2	393.1	346.1	280.7
1953	235.3	290.8	436.3	243.3	486.7	399.0	323.6

SECTION 3. PRODUCTION BY INDUSTRIAL GROUPS AND INDIVIDUAL INDUSTRIES

In the Standard Classification adopted in 1949 the industries are now grouped into seventeen major groups listed in Table 11, instead of the nine groups listed in Table 13 which were formerly used as the main basis of classification. The grouping used in Table 11 where the statistics of individual industries are presented in detail and in the historical series shown in Table 3, is, therefore, on the basis of the new Standard Industrial Classification. However, to retain some basis of continuity with the past, there is a less detailed analysis given in Table 13 on the component material classification basis, while Table 14 gives the industries on the basis of the origin of the materials used.

Subsection 1. Manufactures Grouped on the Standard Classification Basis

Recent Changes in Manufacturing Production.— Table 10 shows the changes in the nature of manufacturing production since the end of World War II with regard to numbers employed, the salaries and wages paid, and the gross value of products. Owing to price declines during depressions and rises during periods of prosperity, the values of both wages and products are naturally affected more than the number of employees. Furthermore, during periods of curtailed production there is a

tendency for production workers to be put on part time, while the number of office employees responds less quickly to reduction in output than that of production workers. Therefore, there are several reasons why the variation in number of employees should be less than that of money values. The figures of Table 10 are to be compared with those of Tables 7, 8 and 9 which show changes in volume of production. The number of employees in 1944 increased by 86 p.c. over 1939. Salaries and wages paid were 175 p.c. higher and the gross value of production 161 p.c. higher. Another significant change is the increase in the proportion of women engaged in manufacturing. Whereas in 1939, there were 281 females to every 1,000 males employed, in 1944 this figure jumped to 403.

Significant changes in the nature of manufacturing production took place after the cessation of hostilities in 1945. Industries engaged in war production operated at a substantially lower level, while industries producing consumer goods stepped up their production. From the point of view of employment the chemical and allied products group with a drop of 33 p.c. experienced the greatest decline in production between 1945 and 1949. Transportation equipment which includes aircraft and shipbuilding was second with a drop of 32 p.c., followed by tobacco and tobacco products with 12 p.c., rubber goods 12 p.c. and iron and steel products 3 p.c. The non-metallic mineral products group reported the greatest gain in employment with an increase of 39 p.c., followed by printing, publishing and allied trades 31 p.c., wood products 29 p.c., electrical apparatus and supplies 27 p.c., products of petroleum and coal 26 p.c., paper products 21 p.c., textiles (except clothing) 19 p.c., clothing (textile and fur) 18 p.c., foods and beverages 8 p.c., leather products 2 p.c. and non-ferrous metal products 1 p.c. For manufacturing as a whole there was an increase of 4 p.c. in the number of employees with an increase of 39 p.c. in the amount of salaries and wages paid. Although there was an increase of 50 p.c. in the gross value of production, the increase in the physical volume was only 3.4 p.c. This is due to the rise in the wholesale prices of fully and partly manufactured products.

Between 1949 and 1953, for manufacturing as a whole, there was an increase of 42.4 p.c. in the gross value of production, 13.1 p.c. in employment, and 52.5 p.c. in salaries and wages paid. In terms of employment, the transportation group with an increase of 49.0 per cent experienced the greatest expansion since 1949. Electrical apparatus and supplies came second with 37.4 followed by non-metallic mineral products with 22.1, miscellaneous industries 22.1, chemicals and allied products 21.5, products of petroleum and coal 17.6, non-ferrous metal products 16.5, iron and steel products 15.0, etc. The smallest gain was reported by the clothing group with 2.0 p.c. Three groups reported declines in employment. Tobacco and tobacco products led the list with 11.2 p.c., followed by textiles (except clothing) 5.9 p.c. and leather products 5.2 p.c.

TABLE 10. Percentage Variations in Employment, Earnings, and Gross Value of Products in the Main Industrial Groups, Compared for Significant Years, 1945-53

Industrial Group	1949 compared with 1945			1953 compared with 1949		
	Employees	Earnings	Gross value of products	Employees	Earnings	Gross value of products
	1	2	3	4	5	6
Foods and beverages[1]	+ 8.1	+ 48.5	+ 49.5	+ 2.4	+ 35.9	+ 20.7
Tobacco and tobacco products	- 12.2	+ 39.1	+ 42.3	- 11.2	+ 22.2	+ 24.2
Rubber products	- 11.8	+ 23.2	+ 1.6	+ 9.0	+ 47.4	+ 62.9
Leather products	+ 2.3	+ 38.0	+ 25.6	- 5.2	+ 18.9	+ 5.5
Textile products (except clothing)	+ 18.9	+ 78.6	+ 65.1	- 5.9	+ 18.2	+ 10.0
Clothing (textile and fur)	+ 17.8	+ 57.1	+ 52.6	+ 2.0	+ 23.2	+ 17.9
Wood products[1]	+ 28.9	+ 86.7	+ 83.9	+ 10.4	+ 44.8	+ 47.7
Paper products[1]	+ 20.7	+ 80.5	+ 95.1	+ 10.4	+ 48.8	+ 43.5
Printing, publishing and allied trades[2]	+ 31.2	+ 81.2	+ 84.1	+ 7.6	+ 45.3	+ 43.9
Iron and steel products	- 3.4	+ 31.6	+ 49.0	+ 15.0	+ 55.7	+ 47.9
Transportation equipment	- 32.4	- 17.1	+ 2.8	+ 49.0	+105.1	+ 96.6
Non-ferrous metal products	+ 1.1	+ 39.9	+ 58.0	+ 16.5	+ 56.0	+ 43.2
Electrical apparatus and supplies	+ 26.7	+ 79.5	+ 110.9	+ 37.4	+ 82.6	+ 74.4
Non-metallic metallic mineral products	+ 38.8	+ 96.0	+ 88.6	+ 22.1	+ 66.0	+ 65.9
Products of petroleum and coal	+ 26.2	+ 73.7	+ 97.6	+ 17.6	+ 67.3	+ 54.2
Chemical products	- 32.6	- 6.0	+ 17.8	+ 21.5	+ 63.5	+ 50.1
Miscellaneous industries[4]	—	—	—	+ 22.1	+ 68.1	+ 67.1
Averages, all industries[3]	+ 3.6	+ 39.2	+ 50.0	+ 13.1	+ 52.5	+ 42.4

1. Exclusive of Newfoundland in columns 1, 2 and 3; inclusive of Newfoundland in columns 4, 5 and 6.
2. Exclusive of "Publishing (only) of Periodicals".
3. Exclusive of "Publishing (only) of Periodicals", excludes Newfoundland in columns 1, 2 and 3, includes Newfoundland in Columns 4, 5 and 6.
4. Due to the change of establishments from one industry to another figures for 1949 are not comparable with previous years.

Detailed Statistics by Groups and Individual Industries.— Table 11 presents for the year 1953 detailed statistics regarding the individual industries under which all industrial plants in Canada are classified. The industries are further assembled under seventeen main groups according to the Standard Industrial Classification.

In interpreting the statistics of individual industries it should be remembered that the figures on employment, production, etc., do not refer to individual products but to all the products made in an industry. For example, the value of production of the confectionery industry amounting to $104,853,748 in 1950 does not imply that this was the value of confectionery produced. What it means is that the firms whose principal product is confectionery, had a value of production of $104,853,748. This figure, in addition to confectionery, includes all the subsidiary products made by these firms such as ice cream which was valued at $2,214,689 and bread and other bakery products valued at $2,457,312. Confectionery is also produced as a subsidiary product by firms credited to other industrial classifications. For total production figures of individual products, reference should be made to "The Alphabetical List of Products" published annually as Appendix II to this report.

The incidence of the War resulted in a rearrangement in the rank of many industries. Industries producing supplies and equipment for the Armed Forces naturally advanced while those industries producing for the domestic consumer market declined in importance. To supply the raw materials needed by the industries engaged principally in war production, it became necessary to restrict or prohibit the manufacture of many products such as automobiles, radios, washing machines, electrical equipment, household appliances, agricultural implements, etc. Though these industries were forced to change over to wartime production, the changes did not affect the value of their output and consequently their importance as producers of manufactured goods did not alter drastically. To analyse the effects of the War and the conversion to peace-time production on any industry, it is necessary to compare the nature of the products made before and during the War with that of the present. This should be borne in mind in making industrial comparisons of the war years and the present. For example, the number of employees in the agricultural implements industry increased by 8,248 between 1939 and 1945; this is spite of the fact that the output of agricultural implements remained at about the same level. The increase was due to a change-over of some of the plants to war production. It is therefore impossible to trace industrial trends from the principal statistics alone, as published in this report.

TABLE 11. Establishments, Employees, Earnings, Fuel and Electricity, Materials, Value Added and Shipments of the Manufacturing Industries, 1953

No.	Province, Industry and group	Establishments	Supervisory and office employees			Production workers		
			Male	Female	Earnings	Male	Female	Earnings
		No.	No.	No.	$	No.	No.	$
	PROVINCE							
1	Newfoundland	939	2,037	354	5,744,865	7,350	834	20,860,043
2	Prince Edward Island	216	347	94	885,775	980	388	2,210,070
3	Nova Scotia	1,591	3,840	1,081	13,654,549	23,598	3,521	62,736,206
4	New Brunswick	1,094	2,746	928	11,373,306	17,472	3,325	48,379,739
5	Quebec	12,132	62,263	24,080	316,850,671	260,169	95,043	908,722,643
6	Ontario	13,114	96,231	42,854	541,339,538	395,157	100,312	1,476,642,680
7	Manitoba	1,540	6,004	2,213	28,095,419	27,449	8,074	93,030,860
8	Saskatchewan	1,062	2,352	814	8,893,485	7,442	996	23,502,033
9	Alberta	2,072	5,603	1,816	22,861,122	22,177	3,486	69,744,031
10	British Columbia	4,317	14,375	4,138	66,817,112	66,463	8,868	234,104,206
11	Yukon and Northwest Territories	30	45	10	163,567	106	16	406,428
12	**Canada**	**38,107**	**195,843**	**78,382**	**1,016,679,409**	**828,363**	**224,863**	**2,940,338,939**
	INDUSTRIAL GROUP							
13	Foods and beverages	8,129	24,731	10,245	116,307,583	105,392	36,281	338,972,969
14	Tobacco and tobacco products	55	823	461	5,586,881	3,132	5,078	21,178,762
15	Rubber products	72	4,009	1,555	20,205,742	12,945	4,091	50,788,901
16	Leather products	695	2,964	1,284	15,388,460	16,233	12,587	55,577,035
17	Textiles	959	7,651	3,877	44,122,495	38,850	22,812	140,482,121
18	Knitting mills[1]	294	1,587	1,308	10,597,008	7,275	14,243	41,823,673
19	Clothing[1]	2,788	7,971	4,795	46,941,304	24,283	58,609	155,063,975
20	Wood products	12,462	21,869	3,366	63,934,655	103,601	5,474	261,684,597
21	Paper products	555	10,544	4,131	70,561,329	61,480	8,281	239,546,378
22	Printing, publishing and allied industries	4,157	15,923	9,883	81,078,194	32,001	8,723	124,548,360
23	Iron and steel products	2,698	28,994	10,266	156,761,826	141,501	7,475	486,712,301
24	Transportation equipment	621	20,313	6,421	114,984,963	125,112	4,213	440,426,189
25	Non-ferrous metal products	551	7,725	2,699	42,294,010	38,342	3,292	136,416,047
26	Electrical apparatus and supplies	422	15,654	6,401	86,573,525	38,785	16,016	164,073,252
27	Non-metallic mineral products	1,094	4,474	1,626	22,791,238	26,056	2,196	84,483,836
28	Products of petroleum and coal	100	4,191	1,460	23,828,346	11,390	71	42,737,088
29	Chemicals and allied products	1,105	11,468	6,029	66,622,583	26,775	5,935	97,968,227
30	Miscellaneous industries	1,350	4,952	2,575	28,099,267	15,210	9,486	57,855,228
	1. Foods and beverages:							
	Bakery products:							
31	Biscuits	47	453	323	2,610,466	2,516	3,489	11,661,289
32	Bread and other bakery products	2,571	3,660	1,195	13,992,400	21,827	6,858	66,910,287
	Beverages:							
33	Breweries	61	1,365	389	8,468,636	6,554	75	23,269,261
34	Carbonated beverages	526	1,759	574	7,816,854	5,152	353	12,668,698
35	Distilled liquors	21	695	323	4,253,307	2,530	1,562	11,179,432
36	Wines	24	120	50	830,552	302	52	978,288
	Canning and processing:							
37	Fish processing	607	1,307	352	4,964,437	8,441	3,523	18,205,192
38	Fruit and vegetable preparations	454	1,730	934	8,889,052	6,534	6,187	23,949,847
	Dairy products:							
39	Butter and cheese	1,527	3,436	1,720	12,768,857	14,643	898	39,738,722
40	Cheese, process	20	217	80	1,125,261	471	402	1,938,696
41	Concentrated milk products	31	222	107	1,032,313	1,226	67	3,433,853
42	Dairy products, other	44	148	76	676,451	466	152	1,463,762
	Grain mill products:							
43	Feeds, stock and poultry, prepared	654	1,223	430	4,403,558	3,938	169	9,458,331
44	Feed mills	643	624	58	969,355	790	1	1,367,027
45	Flour mills	95	895	435	4,753,812	3,474	158	10,192,498
46	Foods, breakfast	18	150	93	948,227	701	385	3,057,412
	Meat products:							
47	Animal oils and fats	15	46	13	280,811	239	2	678,662
48	Sausage and sausage casings	84	225	66	1,070,445	734	342	2,259,946
49	Slaughtering and meat packing	152	3,618	1,261	19,637,310	14,792	3,216	54,794,633
	Other food industries:							
50	Confectionery	187	635	551	3,955,722	3,308	4,864	16,241,428
51	Macaroni and kindred products	14	46	26	279,147	316	165	1,120,095
52	Sugar refining	12	478	105	2,697,639	2,538	267	8,260,447
53	Miscellaneous food preparations	322	1,679	1,084	9,882,971	3,900	3,094	16,145,163
54	**Totals, foods and beverages**	**8,129**	**24,731**	**10,245**	**116,307,583**	**105,392**	**36,281**	**338,972,969**
	2. Tobacco and tobacco products:							
55	Tobacco, cigars and cigarettes	42	646	441	4,598,832	2,401	4,223	18,777,249
56	Tobacco processing and packing	13	177	20	988,049	731	855	2,401,513
57	**Totals, tobacco and tobacco products**	**55**	**823**	**461**	**5,586,881**	**3,132**	**5,078**	**21,178,762**
	3. Rubber products:							
58	Rubber goods, including footwear	72	4,009	1,555	20,205,742	12,945	4,091	50,788,901
59	**Totals, rubber products**	**72**	**4,009**	**1,555**	**20,205,742**	**12,945**	**4,091**	**50,788,901**

1. Commencing with 1953 knitting mills are classified separately from Clothing (textile and fur).

TABLE 11. Establishments, Employees, Earnings, Fuel and Electricity, Materials, Value Added and Shipments of the Manufacturing Industries, 1933

Total employees	Total earnings	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments	No.
No.	$	$	$	$	$	
10,575	26,604,908	3,767,885	44,972,021	57,784,697	106,524,603	1
1,809	3,095,845	356,411	16,963,798	5,878,761	23,198,970	2
32,040	76,390,755	11,551,564	180,543,535	127,917,165	320,012,264	3
24,471	59,753,045	11,335,363	163,797,711	120,617,345	295,750,419	4
441,555	1,225,573,314	145,764,252	2,816,373,112	2,424,647,499	5,386,784,863	5
634,554	2,017,982,218	186,243,966	4,560,134,562	4,130,126,462	8,876,504,990	6
43,740	121,126,279	9,671,905	345,403,115	229,797,439	584,872,459	7
11,604	32,395,518	6,367,812	180,303,942	79,941,332	266,613,086	8
33,082	92,605,153	9,933,237	346,221,162	199,660,428	555,814,827	9
93,844	300,921,318	26,641,721	724,495,754	615,686,215	1,366,823,690	10
177	569,995	154,705	1,349,970	1,012,008	2,516,683	11
1,327,451	**3,957,018,348**	**411,788,821**	**9,380,558,682**	**7,993,069,351**	**17,785,416,854**	12
176,649	455,280,552	48,748,054	2,296,739,737	1,146,473,720	3,491,961,511	13
9,494	26,765,643	639,225	138,491,048	75,015,218	214,145,491	14
22,600	70,994,643	3,724,710	114,336,694	172,674,055	290,735,459	15
33,068	70,965,495	2,056,741	116,416,179	103,937,262	222,410,182	16
73,190	184,604,616	13,134,397	388,324,584	299,231,284	700,690,265	17
24,413	52,420,681	1,823,745	77,704,172	81,264,425	160,792,342	18
95,658	202,005,279	2,391,392	361,558,482	333,238,797	697,188,671	19
134,310	325,619,252	14,901,830	649,731,056	577,381,926	1,242,014,812	20
84,436	310,107,707	83,516,895	717,460,043	767,273,583	1,568,250,521	21
66,530	205,626,554	4,166,360	175,222,037	364,363,975	543,752,372	22
188,236	643,474,127	51,454,291	906,165,239	1,140,931,549	2,098,551,079	23
156,059	555,411,152	17,778,897	1,110,953,581	961,205,155	2,089,937,633	24
52,058	178,710,057	57,702,408	726,128,115	458,180,471	1,242,010,994	25
76,856	250,646,777	6,956,744	383,743,994	457,489,516	848,190,254	26
34,352	107,275,074	34,974,491	134,118,848	239,815,853	408,909,192	27
17,112	66,565,434	35,225,746	576,310,641	211,552,953	823,089,340	28
50,207	164,590,810	29,540,938	403,686,331	448,276,576	881,503,845	29
32,223	85,954,495	3,051,957	103,467,901	154,763,033	261,282,891	30
6,781	14,271,755	1,040,716	34,603,257	39,871,435	75,515,408	31
33,540	80,902,687	8,785,618	129,224,657	139,987,817	277,998,092	32
8,383	31,737,897	2,597,740	51,482,008	146,805,908	200,885,656	33
7,838	20,485,552	2,571,101	35,493,245	70,496,063	108,560,409	34
5,110	15,432,739	2,050,571	44,308,034	76,918,492	123,277,097	35
524	1,808,840	132,026	4,481,979	5,042,665	9,656,670	36
13,623	23,169,629	2,426,883	85,773,130	49,435,356	137,635,369	37
15,385	32,838,899	2,717,015	119,911,000	82,491,454	205,119,469	38
20,697	52,507,579	7,252,785	293,915,639	95,787,291	396,955,715	39
1,170	3,063,957	104,237	21,733,959	5,433,093	27,271,289	40
1,622	4,466,166	1,580,001	51,952,683	14,214,469	67,747,153	41
842	2,140,213	329,438	6,729,280	5,637,820	12,696,538	42
5,760	13,861,889	2,314,174	137,828,019	30,291,490	170,433,683	43
1,473	2,336,382	572,228	20,156,743	4,622,227	25,351,198	44
4,962	14,946,310	1,650,066	224,518,387	40,262,095	266,430,548	45
1,329	4,005,639	371,992	9,963,960	14,528,552	24,864,504	46
300	959,473	218,147	1,473,868	1,684,397	3,376,412	47
1,367	3,330,391	298,908	12,405,672	6,787,174	19,491,754	48
22,887	74,431,943	4,681,159	672,763,955	152,022,908	829,468,022	49
9,358	20,197,150	1,141,600	53,265,893	44,375,451	98,782,944	50
553	1,399,242	146,364	4,787,233	3,191,101	8,124,698	51
3,388	10,958,086	2,642,586	79,588,400	35,721,466	117,952,452	52
9,757	26,028,134	3,122,699	200,378,736	80,864,996	284,366,431	53
176,649	**455,280,552**	**48,748,054**	**2,296,739,737**	**1,146,473,720**	**3,491,961,511**	54
7,711	23,376,081	423,598	79,261,880	67,702,851	147,388,329	55
1,783	3,389,562	215,627	59,229,168	7,312,367	66,757,162	56
9,494	**26,765,643**	**639,225**	**138,491,048**	**75,015,218**	**214,145,491**	57
22,600	70,994,643	3,724,710	114,336,694	172,674,055	290,735,459	58
22,600	**70,994,643**	**3,724,710**	**114,336,694**	**172,674,055**	**290,735,459**	59

TABLE 11. Establishments, Employees, Earnings, Fuel and Electricity, Materials, Value Added and Shipments of the Manufacturing Industries, 1953 — Continued

No.	Industries	Establishments	Supervisory and office employees			Production workers		
			Male	Female	Earnings	Male	Female	Earnings
		No.	No.	No.	$	No.	No.	$
	4. Leather products:							
1	Footwear, leather	286	1,753	806	9,205,639	10,009	8,929	34,830,483
2	Gloves and mittens, leather	80	174	73	818,099	622	1,199	2,785,062
3	Leather tanning	60	416	138	2,275,019	3,160	337	9,482,519
	Other leather industries:							
4	Belting, leather	14	35	19	178,873	96	12	265,564
5	Boot and shoe findings, leather	29	65	26	374,460	396	129	1,156,173
6	Miscellaneous leather goods n.e.s.	226	521	222	2,536,370	1,950	1,981	7,057,234
7	**Totals, leather products**	**695**	**2,964**	**1,284**	**15,388,460**	**16,233**	**12,587**	**55,577,035**
	5. Textiles:							
	Cotton goods:							
8	Cotton thread	13	109	72	808,579	198	523	1,335,856
9	Cotton yarn and cloth	54	1,650	969	9,218,655	13,399	7,160	45,817,885
10	Miscellaneous cotton goods	13	51	15	388,524	546	116	1,727,037
	Woollen goods:							
11	Carpets, mats and rugs	20	166	99	927,670	820	478	3,160,883
12	Woollen cloth	82	674	350	4,112,647	4,055	2,706	14,884,605
13	Woollen yarn	48	241	161	1,403,789	1,471	1,712	6,900,735
14	Miscellaneous woollen goods	37	218	99	1,649,099	1,500	456	4,907,076
15	Synthetic textiles and silk	47	2,291	995	12,822,840	9,311	3,126	31,116,265
	Other primary textiles:							
16	Dyeing and finishing of textiles	56	311	111	1,642,888	1,594	239	4,510,337
17	Narrow fabrics	52	190	101	1,101,669	937	935	3,919,122
	Other textile industries:							
18	Automobile accessories, fabric	16	122	58	687,174	346	557	2,181,629
19	Awnings, tents and sails	116	246	101	1,023,571	623	609	2,299,033
20	Bags, cotton and jute	34	156	63	884,627	338	639	1,792,888
21	Cordage, rope and twine	14	137	70	870,647	657	324	2,699,439
22	Embroideries, pleating, hemstitching, etc.	155	235	105	1,197,211	587	1,041	2,794,721
23	Oilcloth, linoleum and other coated fabrics	15	383	172	2,506,254	1,523	158	4,964,093
24	Miscellaneous textiles, n.e.s.	187	471	336	2,876,651	945	2,033	5,470,517
25	**Totals, textiles**	**959**	**7,651**	**3,877**	**44,122,495**	**38,850**	**22,812**	**140,482,121**
	6a. Knitting mills[1]*:*							
26	Hosiery	122	686	552	4,655,801	3,982	5,349	20,173,719
27	Knitted goods	172	901	756	5,941,207	3,293	8,894	21,649,954
28	**Totals, knitting mills**	**294**	**1,587**	**1,308**	**10,597,008**	**7,275**	**14,243**	**41,823,673**
	6b. Clothing[1]*:*							
	Men's women's and children's clothing:							
29	Clothing, children's, factory	169	415	285	2,725,485	1,156	5,037	9,419,507
30	Clothing, men's, factory	601	2,779	1,644	16,522,772	9,440	21,256	58,187,116
31	Clothing, women's, factory	830	2,286	1,598	15,099,599	5,926	18,467	46,738,450
32	Clothing contractors, men's	160	280	51	958,201	1,290	2,863	6,904,680
33	Clothing contractors, women's	107	148	46	566,044	224	1,889	3,032,454
	Miscellaneous clothing:							
34	Corsets	42	211	427	1,908,235	354	2,647	4,648,076
35	Fur dressing and dyeing	16	74	24	440,036	900	216	2,749,531
36	Fur goods	600	1,122	314	4,743,807	2,745	1,764	11,103,947
37	Gloves and mittens, fabric	15	35	27	218,335	135	650	868,485
38	Hats and caps	166	437	257	2,581,447	1,621	2,613	8,476,453
39	Oiled and waterproofed clothing	15	36	19	236.597	169	273	933,704
40	Clothing n.e.s.	67	148	103	940,746	323	934	2,001,572
41	**Totals, clothing**	**2,788**	**7,971**	**4,795**	**46,941,304**	**24,283**	**58,609**	**155,063,975**
	7. Wood products:							
42	Furniture	1,640	3,877	1,172	17,576,030	22,603	2,116	58,260,147
	Saw and planing mills:							
43	Flooring, hardwood	27	151	46	804,160	1,295	20	3,018,911
44	Sash, door and planing mills	1,775	3,373	653	11,892,105	15,993	222	36,227,191
45	Sawmills	8,194	12,252	844	23,708,046	47,327	510	118,422,957
46	Veneers and plywoods	54	554	176	3,166,709	7,035	1,230	22,292,149
	Other wood industries:							
47	Beekeepers' and poultrymen's supplies	7	10	3	31,950	35	3	65,950
48	Boxes and baskets, wood	180	396	78	1,473,741	2,846	417	6,622,590
49	Cooperage	99	127	21	321,074	517	—	1,239,127
50	Excelsior	13	18	5	71,991	111	27	236,798
51	Lasts, trees and shoe findings	15	57	29	272,355	335	162	1,021,476
52	Morticians' goods	60	143	63	618,317	986	173	2,485,057
53	Woodenware	31	59	18	220,055	494	154	1,206,670
54	Wood turning	74	154	40	593,252	851	91	1,886,397
55	Miscellaneous wood products n.e.s.	293	698	218	3,184,870	3,173	349	8,699,177
56	**Totals, wood products**	**12,462**	**21,869**	**3,366**	**63,934,655**	**103,601**	**5,474**	**261,684,597**

1. Previously these groups were combined under Clothing (textile and fur).

TABLE 11. Establishments, Employees, Earnings, Fuel and Electricity, Materials, Value Added and Shipments of the Manufacturing Industries, 1953 — Continued

Total employees	Total earnings	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments	No.
No.	$	$	$	$	$	
21,497	44,036,122	629,656	65,210,564	65,466,899	131,307,119	1
2,068	3,603,161	52,458	4,801,051	4,832,932	9,686,441	2
4,051	11,757,538	1,111,472	30,354,423	16,530,503	47,996,398	3
162	444,437	20,981	963,801	760,601	1,745,383	4
616	1,530,633	86,593	3,146,511	2,183,960	5,417,064	5
4,674	9,593,604	155,581	11,939,829	14,162,367	26,257,777	6
33,068	**70,965,495**	**2,056,741**	**116,416,179**	**103,937,262**	**222,410,182**	7
902	2,144,435	97,155	4,947,687	5,184,901	10,229,743	8
23,178	55,036,540	3,977,209	132,917,545	73,326,204	210,220,958	9
728	2,115,561	141,816	6,437,111	4,158,846	10,737,773	10
1,563	4,088,553	264,411	7,324,225	6,355,313	13,943,949	11
7,785	18,997,252	1,446,807	34,387,199	25,607,230	61,441,236	12
3,585	8,304,524	529,364	22,816,140	12,685,047	36,030,551	13
2,273	6,556,175	412,382	18,794,880	12,245,778	31,453,040	14
15,723	43,939,105	3,894,586	63,938,444	78,585,277	146,418,307	15
2,255	6,153,225	844,294	3,165,944	9,094,314	13,104,552	16
2,163	5,020,791	206,166	7,840,738	9,406,856	17,453,760	17
1,083	2,868,803	68,184	6,248,415	5,023,787	11,340,386	18
1,579	3,322,604	100,361	6,949,933	5,341,780	12,392,074	19
1,196	2,677,515	100,786	21,611,488	3,609,653	25,321,927	20
1,188	3,570,086	205,596	7,336,124	10,324,294	17,866,014	21
1,968	3,991,932	55,913	3,419,135	6,733,185	10,208,233	22
2,236	7,470,347	498,663	15,219,537	15,114,883	30,833,083	23
3,785	8,347,168	290,704	24,970,039	16,433,936	41,694,679	24
73,190	**184,604,616**	**13,134,397**	**388,324,584**	**299,231,284**	**700,690,265**	25
10,569	24,829,520	761,743	23,153,148	38,595,166	62,510,057	26
13,844	27,591,161	1,062,002	54,551,024	42,669,259	98,282,285	27
24,413	**52,420,681**	**1,823,745**	**77,704,172**	**81,264,425**	**160,792,342**	28
6,893	12,144,992	144,750	24,782,163	20,420,727	45,347,640	29
35,119	74,709,888	828,441	147,283,980	125,833,604	273,946,025	30
28,277	61,838,049	543,954	116,186,888	103,679,336	220,410,178	31
4,484	7,862,881	129,940	870,477	9,877,576	10,877,993	32
2,307	3,598,498	50,568	223,364	5,125,412	5,399,344	33
3,639	6,556,311	68,583	8,852,984	13,107,086	22,028,653	34
1,214	3,189,567	83,702	1,026,173	4,810,139	5,920,014	35
5,945	15,847,754	235,397	39,639,350	24,116,969	63,991,716	36
847	1,086,820	22,267	2,112,018	2,030,640	4,164,925	37
4,928	11,057,900	230,714	11,741,210	17,660,028	29,631,952	38
497	1,170,301	14,201	2,568,127	1,740,607	4,322,935	39
1,508	2,942,318	38,875	6,271,748	4,836,673	11,147,296	40
95,658	**202,005,279**	**2,391,392**	**361,558,482**	**333,238,797**	**697,188,671**	41
29,768	75,836,177	2,327,174	107,747,252	121,482,928	231,557,354	42
1,512	3,823,071	166,867	7,992,330	5,983,223	14,142,420	43
20,241	48,119,296	2,723,104	120,988,715	77,217,333	200,929,152	44
60,933	142,131,003	7,042,752	304,584,643	269,066,309	580,693,704	45
8,995	25,458,858	977,942	42,944,218	53,337,816	97,259,976	46
51	97,900	4,560	137,560	173,700	315,820	47
3,737	8,096,331	363,872	11,717,320	13,676,932	25,758,124	48
665	1,560,201	89,243	3,724,733	2,683,621	6,497,597	49
161	308,789	31,831	351,549	425,206	808,586	50
583	1,293,831	34,801	1,199,706	1,912,168	3,146,675	51
1,365	3,103,374	114,253	3,760,535	5,166,592	9,041,380	52
725	1,426,725	62,598	1,596,949	1,826,534	3,486,081	53
1,136	2,479,649	109,036	2,524,182	3,557,381	6,190,599	54
4,438	11,884,047	853,797	40,461,364	20,872,183	62,187,344	55
134,310	**325,619,252**	**14,901,830**	**649,731,056**	**577,381,926**	**1,242,014,812**	56

TABLE 11. Establishments, Employees, Earnings, Fuel and Electricity, Materials, Value Added and Shipments of the Manufacturing Industries, 1953 — Continued

No.	Industries	Establishments	Supervisory and office employees			Production workers		
			Male	Female	Earnings	Male	Female	Earnings
		No.	No.	No.	$	No.	No.	$
	8. Paper products:							
1	Boxes and bags, paper	192	1,491	813	9,640,723	7,048	4,690	29,112,015
2	Pulp and paper	127	7,165	2,229	49,932,103	48,093	707	185,809,557
3	Roofing paper	26	620	267	3,025,457	1,503	87	4,777,945
4	Miscellaneous paper goods	210	1,268	822	7,963,046	4,836	2,797	19,846,861
5	**Totals, paper products**	**555**	**10,544**	**4,131**	**70,561,329**	**61,480**	**8,281**	**239,546,378**
	9. Printing, publishing and allied industries:							
	Commercial printing:							
6	Printing and bookbinding	1,696	4,098	1,898	20,895,071	12,638	5,212	47,487,544
7	Trade composition	50	142	49	872,134	605	17	2,259,784
	Engraving, stereotyping and allied industries:							
8	Engraving, stereotyping and electrotyping	129	588	332	4,278,449	2,795	481	12,327,869
9	Lithographing	74	542	359	3,732,436	2,373	974	10,052,307
	Printing and publishing:							
10	Printing and publishing	795	8,171	4,699	41,400,755	13,590	2,039	52,420,856
11	Publishing (only) of periodicals	1,413	2,382	2,546	9,899,349	—	—	—
12	**Totals, printing, publishing and allied industries**	**4,157**	**15,923**	**9,883**	**81,078,194**	**32,001**	**8,723**	**124,548,360**
	10. Iron and steel products:							
13	Agricultural implements	80	2,516	656	12,857,891	10,859	130	37,444,116
14	Boilers, tanks and platework	82	1,792	558	9,850,967	6,414	194	22,629,786
15	Bridge building and structural steel	47	2,197	481	12,362,243	8,520	45	30,172,081
16	Castings, iron	201	1,729	609	9,622,171	12,737	271	43,363,405
17	Hardware, tools and cutlery	351	2,022	1,016	11,871,462	9,771	1,613	34,067,883
18	Heating and cooking apparatus	117	1,359	632	7,579,764	6,983	244	20,535,929
19	Machinery, household, office and store	76	1,431	697	7,775,388	6,900	964	23,645,171
20	Machinery, industrial	312	4,815	1,984	25,687,090	14,888	476	49,608,363
21	Machine shops	625	1,350	248	5,682,436	4,830	81	13,900,192
22	Machine tools	13	308	117	1,868,621	1,515	16	5,373,434
23	Primary iron and steel	62	3,334	1,112	20,237,501	30,300	210	109,472,055
24	Sheet metal products	316	2,904	1,038	15,451,269	12,691	1,642	43,380,562
25	Wire and wire goods	122	1,226	531	7,214,204	6,204	673	21,441,894
26	Miscellaneous iron and steel products	294	2,011	587	8,700,819	8,889	916	31,677,430
27	**Totals, iron and steel products**	**2,698**	**28,994**	**10,266**	**156,761,826**	**141,501**	**7,475**	**486,712,301**
	11. Transportation equipment:							
28	Aircraft and parts	43	8,136	2,813	45,574,126	26,380	719	96,801,573
29	Bicycles and parts	7	169	86	778,044	964	104	3,330,825
30	Boat building	215	315	50	834,283	1,128	15	2,710,796
31	Carriages, wagons and sleighs	42	104	35	479,560	566	149	1,640,606
32	Motor vehicles	20	4,633	1,450	29,245,288	26,429	461	102,070,846
33	Motor vehicle parts	179	2,789	1,121	17,056,053	16,913	2,512	64,130,746
34	Railway rolling stock	36	2,269	320	11,597,664	32,729	129	106,428,686
35	Shipbuilding	79	1,898	546	9,419,945	20,003	124	63,312,111
36	**Totals, transportation equipment**	**621**	**20,313**	**6,421**	**114,984,963**	**125,112**	**4,213**	**440,426,189**
	12. Non-ferrous metal products:							
37	Aluminum products	96	1,565	861	9,439,706	4,983	329	16,153,458
38	Brass and copper products	153	1,315	569	8,049,906	6,917	500	23,489,864
39	Jewellery and silverware	207	660	466	3,833,903	2,820	1,757	10,582,192
40	Non-ferrous metal smelting and refining	18	3,558	566	17,530,010	20,942	49	77,015,601
41	White metal alloys	56	520	188	2,765,200	2,370	563	8,242,318
42	Miscellaneous non-ferrous metal products	21	107	49	675,285	310	94	932,614
43	**Totals, non-ferrous metal products**	**551**	**7,725**	**2,699**	**42,294,010**	**38,342**	**3,292**	**136,416,047**
	13. Electrical apparatus and supplies.							
44	Batteries	26	412	210	2,413,655	1,071	398	4,565,872
45	Radios, television sets, and parts	103	3,821	1,570	21,187,773	5,994	5,828	30,046,919
46	Refrigerators, vacuum cleaners and appliances	87	1,587	726	8,841,204	5,697	1,417	20,655,604
47	Machinery, heavy electrical	55	5,335	1,916	28,602,860	14,628	3,575	59,756,803
48	Miscellaneous electrical apparatus and supplies	151	4,499	1,979	25,528,033	11,395	4,798	49,048,054
49	**Totals, electrical apparatus and supplies**	**422**	**15,654**	**6,401**	**86,573,525**	**38,785**	**16,016**	**164,073,252**

TABLE 11. Establishments, Employees, Earnings, Fuel and Electricity, Materials, Value Added and Shipments of the Manufacturing Industries, 1953 — Continued

Total employees	Total earnings	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments	No.
No.	$	$	$	$	$	
14,042	38,752,738	1,186,205	115,598,568	81,755,394	198,540,167	1
58,194	235,741,660	80,379,515	499,350,994	599,934,934	1,179,665,443	2
2,477	7,803,402	648,603	20,315,397	21,809,977	42,773,977	3
9,723	27,809,907	1,302,572	82,195,084	63,773,278	147,270,934	4
84,436	**310,107,707**	**83,516,895**	**717,460,043**	**767,273,583**	**1,568,250,321**	5
23,846	68,382,615	1,476,447	62,093,666	112,606,355	176,176,468	6
813	3,131,918	42,561	350,246	4,351,058	4,743,865	7
4,196	16,606,318	285,075	6,186,600	25,351,801	31,823,476	8
4,248	13,784,743	227,349	17,067,222	24,152,249	41,446,820	9
28,499	93,821,611	2,134,928	66,814,175	174,943,176	243,892,279	10
4,928	9,899,349	—	22,710,128	22,959,336	45,669,464	11
66,530	**205,626,554**	**4,166,360**	**175,222,037**	**364,363,975**	**543,752,372**	12
14,161	50,302,007	1,824,514	90,344,539	79,100,472	171,269,525	13
8,958	32,480,753	1,131,868	37,290,528	59,226,747	97,649,143	14
11,243	42,534,324	1,345,930	64,196,383	90,785,457	156,327,770	15
15,346	52,985,576	3,280,528	69,150,209	85,034,389	157,465,126	16
14,422	45,939,345	1,765,496	40,771,452	84,772,624	127,309,572	17
9,218	28,115,693	1,315,306	43,613,972	52,427,259	97,356,537	18
9,992	31,420,559	958,342	44,580,753	53,430,422	98,969,517	19
22,163	75,295,453	2,338,176	78,394,744	145,229,561	225,962,481	20
6,509	19,582,628	769,114	13,617,124	28,654,457	43,040,695	21
1,956	7,242,055	175,772	5,433,835	11,802,410	17,412,017	22
34,956	129,709,556	29,572,323	212,374,287	216,957,645	458,904,255	23
18,275	58,831,831	2,410,343	119,186,160	103,826,528	225,423,031	24
8,634	28,656,098	1,512,086	37,046,455	66,299,473	104,858,014	25
12,403	40,378,249	3,054,493	50,164,798	63,384,105	116,603,396	26
188,236	**643,474,127**	**51,454,291**	**906,165,239**	**1,140,931,549**	**2,098,551,079**	27
38,048	142,375,699	2,438,890	135,756,989	260,548,393	398,744,272	28
1,323	4,108,869	158,610	3,342,232	7,443,655	10,944,497	29
1,508	3,545,079	120,084	3,248,688	5,094,759	8,463,531	30
854	2,120,166	91,690	2,859,049	4,066,836	7,017,575	31
32,973	131,316,134	4,247,370	557,709,086	273,598,093	835,554,549	32
23,335	81,186,799	4,100,681	162,324,012	141,251,977	307,676,670	33
35,447	118,026,350	4,751,193	179,892,257	153,677,779	338,321,229	34
22,571	72,732,056	1,870,379	65,821,268	115,523,663	183,215,310	35
156,059	**555,411,152**	**17,778,897**	**1,110,953,581**	**961,205,155**	**2,089,937,633**	36
7,738	25,593,164	1,741,405	49,084,098	41,898,562	92,724,065	37
9,301	31,539,770	2,110,325	108,715,110	59,866,300	170,691,735	38
5,703	14,416,095	395,571	27,149,796	23,875,903	51,421,270	39
25,115	94,545,611	52,594,155	508,116,759	310,207,228	870,918,142	40
3,641	11,007,518	767,613	30,142,086	19,595,648	50,505,347	41
560	1,607,899	93,339	2,920,266	2,736,830	5,750,435	42
52,058	**178,710,057**	**57,702,408**	**726,128,115**	**458,180,471**	**1,242,010,994**	43
2,091	6,979,527	440,680	19,486,735	15,536,192	35,463,607	44
17,213	51,234,692	703,696	112,634,139	86,791,493	200,129,328	45
9,427	29,496,808	1,237,274	54,597,677	58,758,075	114,593,026	46
25,454	88,359,663	1,974,108	87,704,273	154,594,631	244,273,012	47
22,671	74,576,087	2,600,986	109,321,170	141,809,125	253,731,281	48
76,856	**250,646,777**	**6,956,744**	**383,743,994**	**457,489,516**	**848,190,254**	49

TABLE 11. Establishments, Employees, Earnings, Fuel and Electricity, Materials, Value Added and Shipments of the Manufacturing Industries, 1953 — Concluded

No.	Industries	Establishments	Supervisory and office employees			Production workers		
			Male	Female	Earnings	Male	Female	Earnings
		No.	No.	No.	$	No.	No.	$
	14. Non-metallic mineral products:							
1	Abrasives, artificial	18	338	193	2,135,216	2,128	83	7,765,532
2	Asbestos products	18	298	120	1,599,643	1,315	197	4,623,381
3	Cement, hydraulic	11	146	22	759,814	2,232	3	8,194,415
4	Clay products from domestic clay	125	320	84	1,591,348	3,382	95	9,866,726
5	Clay products from imported clay	37	222	92	1,280,066	1,337	603	5,000,548
6	Concrete products	486	1,154	219	4,707,342	5,289	60	14,677,841
7	Glass and glass products	118	909	528	5,268,094	5,394	999	19,710,753
8	Gypsum products	11	242	103	1,454,790	1,166	11	3,170,375
9	Lime	42	89	18	417,946	960	1	2,894,966
10	Salt	12	156	45	727,345	501	48	1,547,467
11	Sand-lime brick	5	14	2	64,000	162	—	494,490
12	Stone products	159	415	126	1,819,845	1,655	21	4,899,926
13	Miscellaneous non-metallic mineral products	52	171	74	965,789	535	75	1,637,416
14	**Totals, non-metallic mineral products**	**1,094**	**4,474**	**1,626**	**22,791,238**	**26,056**	**2,196**	**84,483,836**
	15. Products of petroleum and coal:							
15	Coke and gas products	28	900	378	4,533,066	3,673	4	12,413,779
16	Petroleum products	55	3,213	1,047	18,808,302	7,536	62	29,766,470
17	Miscellaneous products of petroleum and coal	17	78	35	486,978	181	5	556,839
18	**Totals, products of petroleum and coal**	**100**	**4,191**	**1,460**	**23,828,346**	**11,390**	**71**	**42,737,088**
	16. Chemicals and allied products:							
19	Acids, alkalies and salts	41	1,875	569	10,602,269	5,748	86	20,572,210
20	Fertilizers	40	752	208	3,910,993	2,219	20	7,600,650
21	Medicinal and pharmaceutical preparations	217	1,624	1,473	11,288,283	2,231	2,164	10,470,368
22	Paints, varnishes and lacquers	122	1,587	872	9,189,522	3,067	361	10,048,287
23	Primary plastics	19	571	207	3,249,777	1,319	63	4,666,641
24	Soaps, washing compounds and cleaning preparations	141	1,061	597	6,006,125	1,767	399	7,120,171
25	Toilet preparations	94	308	363	2,256,598	446	838	2,391,949
26	Vegetable oils	13	167	64	981,060	442	2	1,364,771
	Other chemical industries:							
27	Adhesives	29	172	78	827,278	419	38	1,317,719
28	Coal tar distillation	11	107	29	528,636	401	4	1,332,717
29	Gases, compressed	45	289	222	1,675,900	714	1	2,370,944
30	Inks	33	192	99	1,158,507	545	55	1,732,623
31	Polishes and dressings	49	180	176	1,291,285	292	197	1,110,573
32	Miscellaneous chemical products, n.e.s.	251	2,583	1,072	13,656,350	7,165	1,707	25,868,604
33	**Totals, chemicals and allied products**	**1,105**	**11,468**	**6,029**	**66,622,583**	**26,775**	**5,935**	**97,968,227**
	17. Miscellaneous industries:							
34	Brooms, brushes and mops	95	318	196	1,625,067	1,140	541	3,324,659
35	Clocks, watches and watch cases	34	138	122	1,043,579	422	508	2,455,238
36	Fountain pens and pencils	17	155	134	1,128,328	304	576	1,775,260
37	Musical instruments	24	185	104	844,765	918	165	2,614,112
38	Plastic products	152	542	244	3,095,700	1,715	1,566	7,043,210
39	Scientific and professional equipment	128	1,397	732	8,560,636	3,232	1,281	13,546,733
40	Sporting goods	82	252	119	1,311,918	784	613	2,873,641
41	Toys and games	55	132	55	828,248	516	848	2,647,022
42	Typewriter supplies	10	87	47	515,622	197	114	711,882
	Other miscellaneous industries:							
43	Artificial flowers and feathers	45	67	40	327,281	127	282	599,319
44	Buttons, buckles and fasteners	45	216	141	1,357,388	606	778	3,102,766
45	Candles	14	37	23	187,715	104	67	320,649
46	Hair goods	16	20	9	106,180	74	15	211,767
47	Ice, artificial	77	172	53	685,705	706	—	1,928,890
48	Lamps, electric and lamp shades	57	123	107	752,025	521	537	1,910,767
49	Models and patterns, excluding paper	67	91	12	382,671	270	2	959,637
50	Pipes, lighters and smokers' supplies	14	39	34	231,643	97	113	456,419
51	Signs, electric, Neon and other	193	486	151	2,443,879	1,836	159	5,259,775
52	Stamps and stencils, rubber and metal	60	143	71	801,458	512	194	1,707,663
53	Statuary, art goods, regalia and novelties	122	153	57	661,989	427	352	1,428,797
54	Umbrellas	8	32	10	120,466	25	113	204,497
55	Other miscellaneous industries	35	167	114	1,087,004	677	662	2,772,525
56	**Totals, miscellaneous industries**	**1,350**	**4,952**	**2,575**	**28,099,267**	**15,210**	**9,486**	**57,855,228**
57	**Grand totals, all industries**	**38,107**	**195,843**	**78,382**	**1,016,679,409**	**828,363**	**224,863**	**2,940,338,939**

TABLE 11. Establishments, Employees, Earnings, Fuel and Electricity, Materials, Value Added and Shipments of the Manufacturing Industries, 1953 — Concluded

Total employees	Total earnings	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments	No.
No.	$	$	$	$	$	
2,742	9,900,748	4,051,134	16,869,606	25,333,137	46,253,877	1
1,930	6,223,024	557,589	10,363,034	11,110,349	22,030,972	2
2,403	8,954,229	11,327,001	10,472,651	40,428,272	62,227,924	3
3,881	11,458,074	4,843,283	799,534	24,134,914	29,777,731	4
2,254	6,280,614	844,345	3,943,943	10,083,660	14,871,948	5
6,722	19,385,183	2,148,873	34,886,105	40,845,917	77,880,895	6
7,830	24,978,847	4,232,924	28,552,798	40,124,444	72,910,166	7
1,522	4,625,165	1,112,615	10,249,318	10,301,603	21,663,536	8
1,068	3,312,912	3,387,340	1,221,547	10,600,220	15,209,107	9
750	2,274,812	959,927	1,866,106	5,579,756	8,405,789	10
178	558,490	82,860	483,747	1,187,484	1,754,091	11
2,217	6,719,771	922,948	7,816,157	13,956,534	22,695,639	12
855	2,603,205	503,652	6,594,302	6,129,563	13,227,517	13
34,352	**107,275,074**	**34,974,491**	**134,118,848**	**239,815,853**	**408,909,192**	14
4,955	16,946,845	6,926,499	66,576,949	48,817,597	122,321,045	15
11,858	48,574,772	28,171,294	507,214,040	159,603,271	694,988,605	16
299	1,043,817	127,953	2,519,652	3,132,085	5,779,690	17
17,112	**66,565,434**	**35,225,746**	**576,310,641**	**211,552,953**	**823,089,340**	18
8,278	31,174,479	13,264,151	43,083,175	70,952,111	127,299,437	19
3,199	11,511,643	1,948,620	39,310,484	43,095,265	84,354,369	20
7,492	21,758,651	822,438	30,716,172	62,018,558	93,557,168	21
5,887	19,237,809	756,392	55,144,047	57,347,366	113,247,805	22
2,160	7,916,418	904,454	24,497,716	19,139,712	44,541,882	23
3,824	13,126,296	1,194,015	38,323,494	49,731,314	89,248,823	24
1,955	4,648,547	121,950	11,309,157	19,007,367	30,438,474	25
675	2,345,831	492,220	43,992,061	6,359,159	50,843,440	26
707	2,144,997	403,118	6,490,797	5,188,200	12,082,115	27
541	1,861,353	755,122	7,551,105	5,328,672	13,634,899	28
1,226	4,046,844	490,633	2,240,446	12,981,251	15,712,330	29
891	2,891,130	107,523	5,198,173	7,517,350	12,823,046	30
845	2,401,858	95,121	7,704,870	9,430,077	17,230,068	31
12,527	39,524,954	8,185,181	88,124,634	80,180,174	176,489,989	32
50,207	**164,590,810**	**29,540,938**	**403,686,331**	**448,276,576**	**881,503,845**	33
2,195	4,949,726	142,997	8,112,766	8,904,832	17,160,595	34
1,190	3,498,817	38,180	7,103,175	5,528,274	12,669,629	35
1,169	2,903,588	66,904	4,115,356	6,514,328	10,696,588	36
1,372	3,458,877	122,501	3,283,754	6,307,367	9,713,622	37
4,067	10,138,910	425,819	18,725,905	19,858,821	39,010,545	38
6,642	22,107,369	429,594	22,010,622	38,588,436	61,028,652	39
1,768	4,185,559	121,466	4,729,505	7,779,456	12,630,427	40
1,551	3,475,270	128,840	5,948,744	5,291,829	11,369,413	41
445	1,227,504	32,850	2,401,040	2,588,004	5,021,894	42
516	926,600	18,292	1,076,417	1,665,843	2,760,552	43
1,741	4,460,154	104,386	4,598,548	6,751,442	11,454,376	44
231	508,364	34,393	941,195	1,489,068	2,464,656	45
118	317,947	9,181	1,154,380	558,420	1,721,981	46
931	2,614,595	657,087	160,407	4,986,284	5,803,778	47
1,288	2,662,792	88,568	4,651,902	4,606,284	9,346,754	48
375	1,342,308	32,420	328,367	1,741,707	2,102,494	49
283	688,062	26,374	997,648	1,387,312	2,411,334	50
2,632	7,703,654	336,970	6,247,579	15,204,952	21,789,501	51
920	2,509,121	64,274	1,277,442	3,592,817	4,934,533	52
989	2,090,786	59,632	1,842,169	3,309,371	5,211,172	53
180	324,963	2,992	622,410	578,536	1,203,938	54
1,620	3,859,529	108,237	3,138,570	7,529,650	10,776,457	55
32,223	**85,954,495**	**3,051,957**	**103,467,901**	**154,763,033**	**261,282,891**	56
1,327,451	**3,957,018,348**	**411,788,821**	**9,380,558,682**	**7,993,069,351**	**17,785,416,854**	57

Table 12 gives the amount and value of each of the principal commodities produced or shipped by the manufacturing industries of Canada. Commodities produced in small quantities are not included but the list covers approximately 75 p.c. of total production. For a complete list of products, see Appendix II of this report.

TABLE 12. Quantities and Values of the Principal Commodities Produced or Shipped by the Manufacturing Industries of Canada, 1953

Note: Since 1952 the basis of collection is "Value of Factory Shipments" instead of "Gross Value of Products". However, the commodities marked* are still on a production basis.

	Unit of measure	Quantity	Value
			$
Foods:			
Biscuits, all kinds	lb.	239,440,587	70,424,959
Bread	"	1,557,542,000	171,795,150
Butter, factory made	"	304,547,995	179,760,875
Cheese, factory made	"	141,226,111	45,129,324
Confectionery, all kinds	—	—	72,132,196
Cream, sold in dairy factories	lb. b.f.	24,795,757	27,960,246
Feed, chopped, grain	ton	492,411	27,402,878
Fish, canned and otherwise prepared*	—	—	60,270,260
Flour, wheat	bbl.	23,314,790	204,945,417
Feeds, stock and poultry prepared	ton	1,997,857	165,852,133
Fruits and vegetables, canned	lb.	559,016,122	69,447,527
Fruits and vegetables, frozen*	"	46,556,914	9,389,010
Ice cream, factory made	gal.	28,939,100	48,069,967
Jams, jellies and marmalades*	—	—	18,858,823
Lard	lb.	101,995,134	14,439,593
Meats, canned incl. poultry, pastes, etc.	"	74,744,209	40,569,221
Meats, cooked	"	51,882,190	32,916,793
Meats, cured	"	216,930,519	114,357,970
Meats, sold fresh	"	1,239,252,242	443,691,210
Meats, sold frozen	"	105,954,218	38,860,978
Milk, sold in dairy factories	gal.	167,315,993	118,945,190
Milk, evaporated and condensed	lb.	290,958,370	35,177,369
Pickles, relishes and catsup	—	—	18,232,742
Pies, cakes and pastry	—	—	72,358,539
Powders, edible (custard, jelly, milk, etc.)	—	—	31,224,359
Sausage, fresh and cured	lb.	84,829,516	32,870,598
Shortening	"	135,984,639	31,031,467
Sugar, granulated (cane and beet)	"	1,187,800,474	96,812,324
Tea and coffee, roasted, blended and packed	"	124,080,780	113,180,468
Beverages[1]:			
Aerated waters*	gal.	110,174,824	94,076,502
Beer, ale, stout and porter (sales)	gal.	206,908,214	324,203,939
Spirits, potable, sold (net sales)	proof gal.	12,445,166	97,715,878
Wine, sold	Imp. gal.	4,355,934	10,952,615
Tobacco and Tobacco Products: [1]			
Cigarettes	M.	21,156,092	289,424,673
Cigars	"	236,248	18,233,475
Tobacco, chewing, smoking and snuff*	lb.	28,941,116	71,130,819
Tobacco, raw leaf, processed*	"	120,793,167	66,757,162
Textile Products except Clothing:			
Bags, cotton and jute	No.	114,186,046	23,006,847
Blankets	—	—	13,044,901
Carpets, mats and rugs	—	—	13,719,048
Cotton fabrics	—	—	115,895,475
Synthetic fabrics, all types	yd.	96,666,826	69,029,100
Tire fabrics*	lb.	29,235,247	23,059,763
Twine and cordage	—	—	15,718,570
Woollen cloth, woven and other*	sq. yd.	29,634,805	49,186,166
Yarns, cotton, rayon, wool, etc. (for sale)*	—	—	128,727,905
Clothing:			
Coats and overcoats, cloth, men's and youths'	No.	757,393	22,585,503
Coats, wool, women's and misses'	"	1,621,954	39,748,086
Coats, fur and fur-lined (factory made)	"	229,073	51,671,897
Short coats (including windbreakers, mackinaws, parkas, leather coats, etc.)	doz.	359,180	25,172,763
Dresses, women's and misses'	No.	12,613,064	74,888,470
Footwear, leather	pr.	33,863,798	122,932,778
Footwear, rubber*	"	13,830,248	35,357,979
Gloves and mittens, all kinds	doz. pr.	1,842,005	15,314,227
Hats and caps, men's	doz.	695,123	11,696,760
Hats, women's and children's	"	480,725	14,455,342
Hosiery, all kinds	doz. pr.	9,855,094	64,394,825
Shirts, fine, work and sport	doz.	2,482,854	56,460,148
Sport suits, slacks and other sport clothing n.e.s.	—	—	14,100,000
Suits, men's and youths', fine, woollen	No.	1,417,235	53,912,459
Underwear	doz.	4,720,479	35,608,749
Wood Products:			
Boxes, wooden	—	—	13,385,066
Lumber planed	M. ft. b.m.	3,427,447	263,147,957
Lumber sawn	" "	5,135,039	328,773,276
Pulp, wood, made for sale	ton	2,329,184	291,630,679
Sash, doors and other mill work	—	—	66,607,707
Paper Products:			
Bags, paper	—	—	49,104,005
Boxes, paper	—	—	143,505,989
Paper, newsprint	ton	5,755,471	633,408,019
Paper, book and writing	"	246,513	61,451,545
Paper boards, all types	"	948,955	114,978,277

TABLE 12. Quantities and Values of the Principal Commodities Produced or Shipped by the Manufacturing Industries of Canada, 1953

	Unit of measure	Quantity	Value
			$
Printing, Publishing and Allied Industries:			
Books and catalogues printed and bound	—	—	31,963,208
Other advertising matter printed	—	—	42,320,574
Periodicals printed for publishers	—	—	22,610,286
Periodicals printed by publishers:			
Subscriptions and sales	—	—	56,959,617
Gross revenue from advertising	—	—	150,619,059
Sheet forms commercial, legal, etc., printed	—	—	41,192,045
Iron and Steel Products:			
Bars, iron and steel, hot rolled (sold)	net ton	592,078	75,013,792
Boilers, heating and power	—	—	18,472,701
Castings, grey iron, made for sale	—	—	44,244,487
Farm implements and parts	—	—	159,851,000
Forgings, steel and other	—	—	36,403,545
Hardware, builders' and other	—	—	38,614,000
Machinery, industrial, household, office and store and parts	—	—	532,889,458
Pig iron (sold)	net ton	626,624	31,510,562
Pipes, tubing and fittings, iron and steel	—	—	89,035,000
Rolled iron and steel forms, semi-finished, sold	net ton	279,986	25,228,604
Sheets, bars and other cold-rolled products, sold	" "	593,393	97,342,750
Steel ingots and castings, sold	" "	133,389	44,745,077
Steel shapes erected, buildings, bridges, etc.*	" "	297,598	95,619,662
Steel shapes, structural, made in primary mills	" "	262,815	27,589,690
Stoves, coal, wood, electric and gas	—	—	47,914,313
Tools and implements, hand, all kinds	—	—	35,397,697
Wire, wire rope and cable, steel	—	—	37,608,335
Transportation Equipment:			
Aircraft, including parts and repairs*	—	—	257,188,962
Automobiles, commercial	No.	119,937	192,254,119
Automobiles, passenger	"	360,385	539,524,001
Automobile parts and accessories incl. tires	—	—	669,025,397
Buses	No.	637	6,828,830
Cars, freight, complete	"	8,258	71,057,778
Locomotives, diesel-electric, new	"	260	42,259,233
Ships and ship repairs*	—	—	196,214,180
Non-ferrous Metal Products:			
Jewelry	—	—	20,625,744
Kitchenware, aluminum	—	—	8,187,294
Silver-plated ware	—	—	13,120,850
Smelter and refinery products*	—	—	870,918,142
Electrical Apparatus and Supplies:			
Batteries, electric and parts	—	—	29,659,966
Radio receiving sets complete	No.	737,457	28,021,087
Refrigerators, household, mechanical	"	275,415	50,943,211
Television sets	"	391,974	81,304,912
Wires and cables, electric	—	—	123,440,783
Non-Metallic Mineral Products:			
Abrasives, artificial	ton	298,530	32,937,917
Coke, gas-house*	"	4,252,933	64,171,749
Concrete, ready-mixed	cu. yd.	2,169,348	27,570,788
Gas, manufactured and natural, sold*	M. cu. ft.	96,553,160	62,388,016
Glass, pressed and blown (bottles, sealers, etc.)	—	—	44,348,405
Chemicals and Allied Products:			
Calcium and sodium compounds	—	—	46,846,000
Enamels, lacquers and varnishes	—	—	47,035,915
Explosives	—	—	25,986,786
Gases compressed and liquified	—	—	31,130,000
Medicinal and pharmaceutical preparations	—	—	87,098,000
Paints, mixed, ready for use	Imp. gal.	11,252,375	42,276,027
Synthetic resins	—	—	26,251,000
Soaps	lb.	181,688,000	36,629,000
Toilet preparations	—	—	39,478,079
Miscellaneous:			
Bags, hand and hand luggage	—	—	13,887,341
Brooms and household brushes	doz.	951,338	5,020,253
Cans metal for food	—	—	52,876,812
Furniture, wood and metal	—	—	179,512,216
Gasoline*	Imp. gal.	2,260,426,303	355,807,726
Leather, shoe	—	—	35,625,193
Mattresses	—	—	18,946,902
Mops, floor	—	—	2,723,077
Oil, fuel	Imp. gal.	2,095,877,081	191,550,501
Pianos, organs and parts	—	—	5,199,160
Scientific and professional equipment	—	—	61,028,652
Sporting goods	—	—	13,974,686
Springs, bed and other furniture	—	—	9,803,985
Toys and games	—	—	11,369,413

1. Includes excise taxes on prime cost of "Spirits" and "Tobacco Products".

Subsection 2. Manufactures Classified on the Chief Component Material Classification Basis

For the most purposes a classification of manufacturing industries based upon "chief component materials" has, in the past, proved most useful in Canadian industrial classification. For this reason the Bureau's classification based upon this concept has been the one most widely used for general purposes such as the Decennial Census, Vital Statistics, foreign Trade, etc. Even for these purposes some modification has been deemed expedient, such as the inclusion of a group "Textile Products", composed partly of animal and partly of vegetable products.

When the industry of a country is primarily concerned with the early stages in the processing of primary materials, i.e., when its final products are chiefly such items as pig iron, lumber and processed fish, a classification based upon chief component material is wholly applicable. As manufacturing industry develops, however, turning out more and more goods for final consumption, the combination of ingredients in such output becomes more and more complex. The modern automotive, aircraft, shipbuilding, and electrical apparatus industries are examples in which a wide variety materials must be assembled for the completion of the final product.

In recent years Canada's industrial system has undergone considerable development. Consequently in establishing the Standard Industrial Classification, the concept of "purpose" has been combined with that of "chief component material" in the framework of the classification of manufacturing industries. For the classification of consumers' goods industries the concept of "purpose" seems most applicable both in terms of common usage in referring to industries and in providing the type of data most often required. Hence, such major groups as Foods and Beverages, Clothing, Transportation Equipment, Electrical Apparatus and Supplies, have been established.

TABLE 13. Principal Statistics of the Manufacturing Industries, Classified on the Chief Component Material Classification Basis, by Main Groups, Significant Years, 1917-1953

Industrial group and year	Establishments	Employees	Earnings	Cost at plant of materials used	Value added by manufacture	Gross value of products
	No.	No.	$	$	$	$
1917						
Vegetable products	4,151	62,791	45,916,557	367,214,061	183,782,501	550,996,562
Animal products	5,486	46,994	35,753,133	320,302,039	124,103,990	444,406,029
Textiles and textile products	1,033	76,315	47,386,592	131,071,158	109,227,157	240,298,315
Wood and paper products	7,258	153,701	115,198,434	150,122,143	249,201,596	399,323,739
Iron and its products	1,495	161,745	161,875,426	378,193,116	371,792,489	749,985,605
Non-ferrous metal products	296	18,220	15,898,890	46,445,469	41,039,351	87,484,820
Non-metallic mineral products	1,075	20,781	18,224,724	36,994,392	58,092,396	95,086,788
Chemicals and allied products	539	56,153	51,505,484	99,068,092	131,381,995	230,450,087
Miscellaneous industries	512	9,823	6,042,604	10,268,341	12,510,505	22,778,846
Totals, 1917	**21,845**	**606,523**	**497,801,844**	**1,539,678,811**	**1,281,131,980**	**2,820,810,791**
1920						
Vegetable products	4,549	74,241	77,750,189	536,828,044	239,328,371	776,156,415
Animal products	4,823	48,687	54,291,606	400,496,354	152,995,130	553,491,484
Textiles and textile products	1,304	87,730	84,433,609	256,233,300	173,741,035	429,974,335
Wood and paper products	7,881	144,391	172,368,578	309,813,724	417,256,115	727,069,839
Iron and its products	1,789	164,087	231,595,911	377,499,134	411,875,057	789,374,191
Non-ferrous metal products	324	23,162	27,895,343	48,434,120	52,847,178	101,281,298
Non-metallic mineral products	846	25,500	32,351,764	69,856,558	80,205,472	150,062,030
Chemicals and allied products	464	17,653	22,193,421	62,644,608	65,183,212	127,827,820
Miscellaneous industries	552	13,442	14,613,455	23,465,807	27,841,778	51,307,585
Totals, 1920	**22,532**	**598,893**	**717,493,876**	**2,085,271,649**	**1,621,273,348**	**3,706,544,997**
1929						
Vegetable products	5,350	91,032	95,853,121	431,595,751	341,688,938	783,706,883
Animal products	4,490	67,670	62,081,423	345,351,882	127,929,857	477,761,855
Textiles and textile products	1,534	103,881	94,969,433	217,954,088	180,469,064	403,205,809
Wood and paper products	7,392	164,572	192,088,948	313,797,201	381,485,477	724,972,308
Iron and its products	1,224	142,772	203,740,658	405,818,468	367,465,582	790,726,338
Non-ferrous metal products	408	39,867	54,501,806	124,900,632	150,415,215	283,545,666
Non-metallic mineral products	843	29,257	38,958,390	112,573,103	99,065,847	229,774,300
Chemicals and allied products	554	16,694	22,639,449	55,184,337	78,785,911	138,545,221
Miscellaneous industries	421	10,786	12,457,989	22,495,351	28,081,046	51,207,736
Totals, 1929	**22,216**	**666,531**	**777,291,217**	**2,029,670,813**	**1,755,386,937**	**3,883,446,116**
1933						
Vegetable products	5,916	75,416	68,535,349	226,879,373	196,820,952	432,315,617
Animal products	4,496	53,111	46,453,188	179,429,948	87,629,444	271,068,210
Textiles and textile products	1,740	95,707	72,813,424	143,184,861	131,065,992	279,475,267
Wood and paper products	7,891	105,080	102,218,652	134,663,641	184,233,540	341,336,701
Iron and its products	1,334	73,348	72,296,179	98,793,191	109,198,169	216,828,992
Non-ferrous metal products	478	25,273	28,099,026	71,990,608	88,427,984	164,765,604
Non-metallic mineral products	770	16,975	19,282,401	69,077,701	52,817,078	131,325,706
Chemicals and allied products	696	15,397	18,738,629	34,271,854	55,394,284	92,820,761
Miscellaneous industries	459	8,351	7,810,976	9,497,751	14,083,738	24,138,927
Totals, 1933	**23,780**	**468,658**	**436,247,824**	**967,788,928**	**919,671,181**	**1,954,075,785**

TABLE 13. Principal Statistics of the Manufacturing Industries, Classified on the Chief Component Material Classification Basis, by Main Groups, Significant Years, 1917-1953 — Concluded

Industrial group and year	Establishments	Employees	Earnings	Cost at plant of materials used	Value added by manufacture	Gross value of products
	No.	No.	$	$	$	$
1939						
Vegetable products	5,872	99,447	104,248,785	356,726,153	292,129,840	659,624,014
Animal products	4,362	69,358	68,231,871	333,647,306	122,821,410	461,983,262
Textiles and textile products	1,930	121,022	107,117,035	203,618,197	181,927,898	392,657,759
Wood and paper products	8,538	144,782	165,287,455	246,292,820	303,662,441	579,892,183
Iron and its products	1,394	121,041	158,559,728	262,292,781	275,774,796	553,468,880
Non-ferrous metal products	526	44,563	59,684,858	242,063,177	155,808,806	416,060,459
Non-metallic mineral products	809	23,026	30,067,934	107,979,292	85,511,631	208,166,781
Chemicals and allied products	808	22,595	31,567,558	65,230,839	89,046,832	159,536,984
Miscellaneous industries	566	12,280	13,045,929	18,308,810	24,368,247	43,393,206
Totals, 1939	**24,805**	**658,114**	**737,811,153**	**1,836,159,375**	**1,531,051,901**	**3,474,783,528**
1944						
Vegetable products	5,941	130,679	183,943,948	763,606,750	485,551,491	1,270,518,297
Animal Products	4,388	94,195	129,215,389	835,586,247	246,064,720	1,092,015,647
Textiles and textile products	2,481	153,122	195,805,681	419,988,642	351,186,488	781,771,688
Wood and paper products	10,452	189,674	284,436,559	497,656,158	550,826,986	1,093,725,822
Iron and its products	2,192	411,944	818,452,454	1,104,083,922	1,390,703,087	2,540,992,974
Non-ferrous metal products	635	104,314	182,909,292	549,317,062	399,498,519	992,345,975
Non-metallic mineral products	748	31,590	56,130,338	234,714,319	152,525,053	416,268,879
Chemical and allied products	981	81,822	137,422,977	360,412,749	355,260,598	733,569,232
Miscellaneous industries	665	25,542	41,304,732	66,967,507	84,159,068	152,484,005
Totals, 1944	**28,483**	**1,222,882**	**2,029,621,370**	**4,832,333,356**	**4,015,776,010**	**9,073,692,519**
1949						
Vegetable products	5,903	143,032	285,536,723	1,236,409,496	754,329,727	2,020,565,833
Animal products	4,231	102,657	197,189,519	1,158,872,220	369,545,771	1,543,930,584
Textiles and textile products	3,234	186,328	342,930,642	669,108,586	606,402,697	1,290,314,474
Wood and paper products	15,866	262,835	579,896,808	1,061,229,176	1,184,539,519	2,325,304,849
Iron and its products	2,658	265,474	678,924,105	1,197,956,715	1,219,303,992	2,468,376,349
Non-ferrous metal products	897	100,614	251,869,627	749,678,627	558,467,028	1,353,329,383
Non-metallic mineral products	1,097	42,691	104,377,854	469,437,193	261,691,705	780,188,518
Chemicals and allied products	1,022	40,499	98,568,559	238,377,149	279,038,860	536,156,674
Miscellaneous industries	884	27,077	52,596,820	62,161,902	97,247,135	161,426,636
Totals, 1949	**35,792**	**1,171,207**	**2,591,890,657**	**6,843,231,064**	**5,330,566,434**	**12,479,593,300**
1952[1]						
Vegetable products	5,826	144,572	365,783,661	1,477,824,823	1,006,127,373	2,519,179,224
Animal products	3,912	102,038	242,380,359	1,325,004,126	457,008,034	1,801,102,780
Textiles and textile products	3,346	183,158	400,480,854	819,392,316	688,806,368	1,524,985,439
Wood and paper products	17,403	280,337	783,737,813	1,479,484,588	1,607,001,792	3,184,797,667
Iron and its products	2,973	333,132	1,084,755,540	1,951,542,870	1,902,423,464	3,922,647,073
Non-ferrous metal products	953	120,138	384,610,020	1,058,309,597	810,854,261	1,930,991,789
Non-metallic mineral products	1,158	48,327	156,392,092	634,846,809	429,518,608	1,130,487,677
Chemicals and allied products	1,062	46,971	145,647,388	313,340,224	407,215,284	744,630,244
Miscellaneous industries	1,296	29,709	73,832,433	86,427,141	134,578,015	223,865,142
Totals, 1952	**37,929**	**1,288,382**	**3,637,620,160**	**9,146,172,494**	**7,443,533,199**	**16,982,687,035**
1953[1]						
Vegetable products	5,789	146,910	391,317,318	1,446,811,354	1,069,519,644	2,553,043,649
Animal Products	3,807	102,853	254,390,114	1,304,984,268	464,425,298	1,788,686,145
Textiles and textile products	3,425	186,102	419,993,255	786,921,715	684,807,398	1,488,759,548
Wood and paper products	17,431	287,638	847,018,758	1,548,520,873	1,718,181,079	3,369,498,811
Iron and its products	3,062	341,933	1,193,220,034	2,011,011,083	2,092,975,109	4,173,007,606
Non-ferrous metal products	973	128,914	429,356,834	1,109,872,109	915,669,987	2,090,201,248
Non-metallic mineral products	1,194	51,464	173,840,508	710,429,489	451,368,806	1,231,998,532
Chemicals and allied products	1,092	49,532	162,244,979	359,694,270	441,917,417	830,660,405
Miscellaneous industries	1,334	32,105	85,636,548	102,313,521	154,204,613	259,560,910
Totals, 1953	**38,107**	**1,327,451**	**3,957,018,348**	**9,380,558,682**	**7,993,069,351**	**17,785,416,854**

1. In 1952 the basis of collection was changed from "value of products made" to "value of factory shipments"- See text on page 8.

Subsection 3. Manufactures Classified by Origin of Materials

The distinction made between farm materials of Canadian and foreign origin is based on whether the materials are indigenous to Canada rather than on their actual source. Thus, the industries included in the foreign origin classes are those depending upon materials that cannot be grown in Canada, such as tea, coffee, spices, cane sugar, rice, rubber, cotton, etc. Industries included in the Canadian origin classes may, however, be using large quantities of imported materials.

The mineral origin group includes, in addition to non-ferrous metals so largely produced in Canada, the manufactures of iron and steel, or petroleum, and of other mineral substances, the raw materials for which are very largely imported. Products of mineral origin, with the exception of fuels, are nearly all durable goods. A high standard of living and advanced industrial organization is usually indicated by a relatively large production and consumption of mineral products. During periods of depression when the production of capital goods is curtailed, employment in the industries of the farm group, which produce mainly consumer goods, exceeds that of the mineral group. The industries of the mineral group in 1943, at the maximum of the war effort, had by far the greatest capital investment, employed the largest number of persons, and paid out the highest amount in salaries and wages. In 1943 the average capital per employee amounted to $5,441 for the mineral group as compared with $4,417 for the farm origin group. The mineral group also pays the highest wages. In 1953 the average salary and wage was $3,431 for the mineral group and $2,535 for the farm origin group.

TABLE 14. Principal Statistics of the Manufacturing Industries, Classified According to Origin of Material Used, by Main Groups, Significant Years 1924-53

Year and origin	Establishments	Capital	Employees	Earnings	Cost at plant of materials used	Gross value of products
	No.	$	No.	$	$	$
1924						
Farm origin	8,663	772,791,471	152,488	153,213,763	716,047,892	1,099,279,665
Mineral origin	2,806	1,010,517,944	136,837	171,068,497	349,800,585	700,002,097
Forest origin	6,873	876,149,932	126,907	147,719,245	245,183,429	544,282,597
Marine origin	836	20,304,785	11,157	3,344,348	16,089,332	26,637,962
Wild life origin	226	10,837,249	2,944	3,194,213	7,506,169	13,386,266
Mixed origin	1,305	204,716,127	57,277	55,927,609	101,563,384	200,718,177
Grand totals, 1924	**20,709**	**2,895,317,508**	**487,610**	**534,467,675**	**1,436,190,791**[1]	**2,584,306,764**[1]
Farm origin group:						
From field crop	4,595	525,717,571	89,436	87,789,237	433,443,376	691,513,259
From animal husbandry	4,068	247,073,900	63,052	65,424,526	282,604,516	407,766,406
Totals, farm origin	**8,663**	**772,791,471**	**152,488**	**153,213,763**	**716,047,892**	**1,099,279,665**
Canadian origin	8,379	546,231,949	114,514	119,217,657	553,357,883	848,236,237
Foreign origin	284	226,559,522	37,974	33,996,106	162,690,009	251,043,428
1929						
Farm origin	9,041	969,384,866	181,682	188,306,755	852,606,083	1,396,769,569
Mineral Origin	3,219	1,550,662,908	218,879	304,027,803	678,683,203	1,392,499,868
Forest origin	7,353	1,148,558,242	163,863	191,044,307	313,088,964	722,269,066
Marine origin	730	28,644,442	16,367	5,411,855	21,496,859	34,966,260
Wild life origin	234	14,338,686	3,767	4,783,323	12,847,817	20,861,039
Mixed origin	1,639	293,302,865	81,973	83,717,174	150,947,887	316,080,314
Grand totals, 1929	**22,216**	**4,004,892,009**	**666,531**	**777,291,217**	**2,029,670,813**	**3,883,446,116**
Farm origin group:						
From field crops	5,191	697,206,163	114,236	115,201,292	496,842,580	889,075,246
From animal husbandry	3,850	272,178,703	67,446	73,105,463	355,763,503	507,694,323
Totals, farm origin	**9,041**	**969,384,866**	**181,682**	**188,306,755**	**852,606,083**	**1,396,769,569**
Canadian origin	8,743	708,461,549	134,680	140,340,993	682,056,026	1,106,006,184
Foreign origin	298	260,923,317	47,002	47,965,762	170,550,057	290,763,385
1933						
Farm origin	9,695	844,582,058	158,602	137,711,749	454,882,704	791,956,470
Mineral origin	3,539	1,306,641,651	130,565	138,101,092	271,434,337	601,428,003
Forest origin	7,796	882,445,602	102,807	99,046,012	133,550,374	335,886,257
Marine origin	620	15,532,775	4,064	2,287,385	10,960,289	17,380,323
Wild life origin	335	10,507,157	3,498	3,481,885	7,159,079	13,000,927
Mixed origin	1,795	219,550,595	69,122	55,619,701	89,802,145	194,423,805
Grand Totals, 1933	**23,780**	**3,279,259,838**	**468,658**	**436,247,824**	**967,788,928**	**1,954,075,785**
Farm origin group:						
From field crops	5,746	609,044,529	93,433	81,655,182	263,007,043	494,048,930
From animal husbandry	3,949	235,537,529	65,169	56,056,567	191,875,661	297,907,540
Totals, farm origin	**9,695**	**844,582,058**	**158,602**	**137,711,749**	**454,882,704**	**791,956,470**
Canadian origin	9,373	629,450,643	124,547	107,807,386	365,559,776	620,197,449
Foreing origin	322	215,131,415	34,055	29,904,363	89,322,928	171,759,021
1939						
Farm origin	10,203	952,929,892	220,210	217,724,965	778,250,125	1,289,993,021
Mineral origin	3,474	1,498,265,618	210,752	280,054,303	669,728,573	1,321,444,094
Forest origin	8,430	951,016,933	142,091	160,798,500	244,944,997	572,335,960
Marine origin	523	21,479,200	5,369	3,638,794	18,114,698	28,816,536
Wild life origin	384	14,723,743	4,604	5,396,623	11,592,066	19,961,526
Mixed origin	1,791	208,609,063	75,088	70,197,968	113,528,916	242,232,391
Grand totals, 1939	**24,805**	**3,647,024,449**	**658,114**	**737,811,153**	**1,836,159,375**	**3,474,783,528**
Farm origin group:						
From fied crops	6,096	649,746,486	124,708	126,311,033	410,994,461	759,964,866
From animal husbandry	4,107	303,183,406	95,502	91,413,932	367,255,664	530,028,155
Totals, farm origin	**10,203**	**952,929,892**	**220,210**	**217,724,965**	**778,250,125**	**1,289,993,021**
Canadian origin	9,382	699,345,423	171,460	168,260,771	630,779,223	1,011,294,132
Foreign origin	821	253,584,469	48,750	49,464,194	147,470,902	278,698,889

TABLE 14. Principal Statistics of the Manufacturing Industries, Classified According to Origin of Material Used, by Main Groups, Significant Years 1924-53 — Concluded

Year and origin	Establishments	Employees	Earnings	Cost at plant of materials used	Value added by manufacture	Gross value of products
	No.	No.	$	$	$	$
1944						
Farm origin	10,329	287,756	394,716,309	1,781,014,374	870,995,104	2,688,731,415
Mineral origin	4,479	634,542	1,208,779,764	2,258,796,792	2,312,260,844	4,708,104,244
Forest origin	10,347	186,680	278,171,969	495,531,476	541,521,976	1,082,160,284
Marine origin	535	9,664	10,327,695	45,906,542	22,066,801	68,882,879
Wild life origin	535	6,190	9,430,191	28,076,572	15,728,926	43,985,177
Mixed origin	2,258	98,050	128,195,442	223,007,600	253,202,359	481,828,520
Grand totals, 1944	**28,483**	**1,222,882**	**2,029,621,370**	**4,832,333,356**	**4,015,776,010**	**9,073,692;519**
Farm origin group:						
From field crops	6,307	164,514	226,751,705	888,435,918	563,349,320	1,477,008,962
From animal husbandry	4,022	123,242	167,964,604	892,578,456	307,645,784	1,211,722,453
Totals, farm origin	**10,329**	**287,756**	**394,716,309**	**1,781,014,374**	**870,995,104**	**2,688,731,415**
Canadian origin	9,493	225,077	303,293,749	1,507,501,822	668,958,344	2,202,655,904
Foreign origin	836	62,679	91,422,560	273,512,552	202,036,760	486,075,511
1949						
Farm origin	10,023	312,573	608,297,050	2,664,102,189	1,327,990,992	4,042,745,891
Mineral origin	5,936	453,960	1,147,317,944	2,652,631,878	2,315,722,610	5,133,084,333
Forest origin	15,467	255,671	562,316,999	1,051,100,174	1,158,202,397	2,288,386,108
Marine origin	599	11,856	16,969,825	69,090,041	41,140,022	111,961,148
Wild life origin	663	8,370	18,008,212	38,475,825	28,844,758	67,646,428
Mixed origin	3,104	128,777	238,980,627	367,830,957	458,665,655	835,769,392
Grand totals, 1949	**35,792**	**1,171,207**	**2,591,890,657**	**6,843,231,064**	**5,330,566,434**	**12,479,593,300**
Farm origin group:						
From field crops	6,165	175,715	348,944,897	1,414,938,794	863,950,508	2,313,027,879
From animal husbandry	3,858	136,858	259,352,153	1,249,163,395	464,040,484	1,729,718,012
Totals, farm origin	**10,023**	**312,573**	**608,297,050**	**2,664,102,189**	**1,327,990,992**	**4,042,745,891**
Canadian origin	9,204	247,762	473,274,682	2,289,435,804	1,041,245,310	3,369,356,461
Foreign origin	819	64,811	135,022,368	374,666,385	286,745,682	673,389,430
1952[2]						
Farm origin	9,681	310,448	751,930,860	3,127,662,069	1,694,737,971	4,882,070,311
Mineral origin	6,438	553,525	1,789,646,188	3,951,508,235	3,545,121,461	7,718,043,252
Forest origin	17,011	273,744	763,289,772	1,468,429,908	1,574,623,762	3,140,882,405
Marine origin	635	14,354	24,426,351	86,457,993	45,734,589	134,725,304
Wild life origin	613	7,249	18,748,284	43,086,798	28,912,404	72,307,412
Mixed origin	3,551	129,062	289,578,705	469,027,491	554,403,012	1,034,658,351
Grand totals, 1952	**37,929**	**1,288,382**	**3,637,620,160**	**9,146,172,494**	**7,443,533,199**	**16,982,687,035**
Farm origin group:						
From field crops	6,114	175,519	438,429,742	1,695,982,351	1,116,653,002	2,852,611,414
From animal husbandry	3,567	134,929	313,501,118	1,431,679,718	578,084,969	2,029,458,897
Totals, farm origin	**9,681**	**310,448**	**751,930,860**	**3,127,662,069**	**1,694,737,971**	**4,882,070,311**
Canadian origin	8,797	246,825	584,371,370	2,659,556,833	1,321,738,620	4,027,895,006
Foreign origin	884	63,623	167,559,490	468,105,236	372,999,351	854,175,305
1953[2]						
Farm origin	9,601	314,606	797,589,340	3,043,720,116	1,758,981,140	4,864,375,757
Mineral origin	6,618	577,696	1,982,152,272	4,187,562,344	3,905,507,838	8,326,705,749
Forest origin	17,045	281,080	824,747,195	1,536,226,536	1,683,667,683	3,322,194,229
Marine origin	607	13,623	23,169,629	85,773,130	49,435,356	137,635,369
Wild Life Origin	616	7,159	19,037,321	40,665,523	28,927,108	69,911,730
Mixed origin	3,620	133,287	310,322,591	486,611,033	566,550,226	1,064,594,020
Grand totals, 1953	**38,107**	**1,327,451**	**3,957,018,348**	**9,380,558,682**	**7,993,069,351**	**17,785,416,854**
Farm origin group:						
From field crops	6,085	177,844	465,204,850	1,634,851,980	1,180,872,178	2,857,265,898
From animal husbandry	3,516	136,762	332,384,490	1,408,868,136	578,108,962	2,007,109,859
Totals, Farm Origin	**9,601**	**314,606**	**797,589,340**	**3,043,720,116**	**1,758,981,140**	**4,864,375,757**
Canadian origin	8,695	249,846	621,263,527	2,626,261,151	1,368,737,022	4,042,905,188
Foreign origin	906	64,760	176,325,813	417,458,965	390,244,118	821,470,569

1. For the year 1924 the figures for "Cost of Materials" and "Gross Value of Products" include the value placed on intermediate products used in further processes in the chemical group of industries. For this reason these figures differ slightly from those contained in the other tables of this report.

2. In 1952 the basis of collection was changed from "Value of Products Made" to "Value of Factory Shipments". See text on page 8.

Subsection 4. Manufactures Classified by Type of Ownership

This subsection deals with the type of ownership under which Canadian manufacturers operate. The first survey in 1946 did not include the fish-curing and packing industry, information for which was not available at that time. For this reason the figures for 1946 are not strictly comparable with those for succeeding years, although the inclusion of that industry has not materially altered the percentage distribution of individual ownership, incorporated companies, etc.

Of the 38,107 establishments operating in 1953, 1,413 establishments in the periodical publishing industry were unclassifiable, leaving 36,694 establishments in the four categories of ownership. Individual ownership numbered 16,281 establishments, partnerships 5,421, incorporated companies 14,028 and co-operatives 964. The percentage distribution of the four categories of ownership are given below for the years 1946 to 1953.

Year	Individual ownership	Partnerships	Incorporated companies	Co-operatives
1946 (estimated)	47.3	16.0	33.4	3.3
1947	46.4	16.1	34.3	3.2
1948	46.2	16.4	34.4	3.0
1949	46.0	15.8	35.3	2.9
1950	45.6	15.0	36.3	3.1
1951	44.6	15.5	36.9	3.0
1952	44.9	15.4	36.9	2.8
1953	44.4	14.8	38.2	2.6

As is to be expected, the smaller establishments, regardless of the type of products manufactured, are carried on under individual ownership. In that category industries conducted on a small scale contain a large number of establishments, the percentage decreasing as the scale of operations increases, as the following statement shows.

No.	Group	Average number of employees per establishment	Percentage of individual ownership establishments to total
1	Wood products	10.8	62.2
2	Printing, publishing and allied trades	16.0	44.8
3	Foods and beverages	21.7	47.4
4	Miscellaneous manufacturing industries	23.9	35.5
5	Non-metallic mineral products	31.4	34.4
6	Clothing (textile and fur)	34.3	27.6
7	Chemicals and allied products	45.4	16.0
8	Leather products	47.6	27.5
9	Iron and steel products	69.8	24.8
10	Textile products (except clothing)	76.3	29.4
11	Knitting mills	83.0	15.0
12	Non-ferrous metal products	94.5	26.9
13	Paper products	152.1	8.8
14	Products of petroleum and coal	171.1	3.0
15	Tobacco and tobacco products	172.6	38.2
16	Electrical apparatus and supplies	182.1	9.9
17	Transportation equipment	251.3	29.5
18	Rubber products	313.9	8.3
	All Groups	**34.8**	**44.4**

It is therefore found, according to the above, that in the wood products group 62 p.c. of the establishments were under individual ownership. The foods and beverage group had 47 p.c. of its establishments in this classification, followed by printing, publishing and allied trades with 45 p.c. tobacco and tobacco products 38 p.c., miscellaneous industries 36 p.c., non-metallic mineral products 34 p.c., transportation equipment, 30 p.c., textiles 29 p.c., clothing 28 p.c., leather products 28 p.c., non-ferrous metal products 27 p.c., iron and steel products 25 p.c., etc.

The establishments operating under individual ownership are not as important from the point of view of employment provided as their large numbers would indicate. According to tables 15 and 16, these establishments which comprise 44 p.c. of the total had only 6 p.c. of the total employees. Partnerships accounted for 15 p.c. of the number of establishments and 3 p.c. of the total employees. Incorporated companies with 38 p.c. of the number of establishments had 90 p.c. of the employees. Co-operatives with 3 p.c. of the number had 1 p.c. of the employees.

On the basis of employment provided, incorporated companies are by a very wide margin the most important factor in the employment field. In the rubber products, paper products, transportation equipment, electrical apparatus and supplies groups 99 p.c. of the employees were reported by such companies. Companies in the petroleum and coal products and chemicals and allied chemical products groups had 98 p.c., non-ferrous metal products had 97 p.c., tobacco and tobacco products, textile and iron and steel products groups had 96 p.c., knitting mills 93 p.c., non-metallic mineral products, 91 p.c., leather products and miscellaneous manufacturing industries had 88 p.c., printing, publishing and allied industries had 86 p.c., foods and beverages and clothing groups had 81 p.c. Companies in the wood products group with 70 reported the lowest percentage of the total employment.

TABLE 15. Percentage Distribution of Establishments in the Manufacturing Industries, Classified by Type of Ownership, by Provinces and Industrial Groups, 1953[1]

Province or group	Individual ownership	Partnerships	Incorporated companies	Co-operatives	Total
	p.c.	p.c.	p.c.	p.c.	p.c.
Province					
Newfoundland	50.4	35.1	14.4	0.1	100.0
Prince Edward Island	49.3	17.8	25.8	7.1	100.0
Nova Scotia	55.0	14.9	28.5	1.6	100.0
New Brunswick	55.9	11.2	30.2	2.7	100.0
Quebec	48.7	11.3	36.1	3.9	100.0
Ontario	38.2	14.9	45.0	1.9	100.0
Manitoba	38.6	16.6	43.1	1.7	100.0
Saskatchewan	58.6	15.8	21.0	4.6	100.0
Alberta	50.9	17.3	28.8	3.0	100.0
British Columbia	37.8	18.4	42.6	1.2	100.0
Yukon and Northwest Territories	48.3	17.2	34.5	—	100.0
Canada	**44.4**	**14.8**	**38.2**	**2.6**	**100.0**
Industrial Group					
Foods and beverages	47.4	11.0	30.4	11.2	100.0
Tobacco and tobacco products	38.2	3.6	52.7	5.5	100.0
Rubber products	8.3	7.0	84.7	—	100.0
Leather products	27.5	13.4	59.1	—	100.0
Textiles	29.4	11.1	59.3	0.2	100.0
Knitting mills	15.0	12.6	72.4	—	100.0
Clothing	27.6	19.7	52.7	—	100.0
Wood products	62.2	19.0	18.6	0.2	100.0
Paper products	8.8	3.1	88.1	—	100.0
Printing, publishing and allied industries[1]	44.8	15.7	39.0	0.5	100.0
Iron and steel products	24.8	13.2	61.9	0.1	100.0
Transportation equipment	29.5	11.4	59.1	—	100.0
Non-ferrous metal products	26.9	12.5	60.6	—	100.0
Electrical apparatus and supplies	9.9	5.7	84.4	—	100.0
Non-metallic mineral products	34.4	15.0	50.5	0.1	100.0
Products of petroleum and coal	3.0	2.0	93.0	2.0	100.0
Chemicals and allied products	16.0	6.0	77.6	0.4	100.0
Miscellaneous manufacturing industries	35.5	12.9	51.4	0.2	100.0

1. Four main categories of ownership only; the non-classifiable group is not included.

TABLE 16. Percentage Distribution of Employment in the Manufacturing Industries, Classified by Type of Ownership, by Provinces and Industrial Groups, 1953[1]

Province or group	Individual ownership	Partnerships	Incorporated companies	Co-operatives	Total
	p.c.	p.c.	p.c.	p.c.	p.c.
Province					
Newfoundland	9.0	8.1	82.9	—	100.0
Prince Edward Island	20.8	9.8	64.0	5.4	100.0
Nova Scotia	10.4	3.8	84.9	0.9	100.0
New Brunswick	10.9	3.5	84.0	1.6	100.0
Quebec	7.0	3.5	88.8	0.7	100.0
Ontario	3.7	2.7	93.2	0.4	100.0
Manitoba	5.3	3.9	89.7	1.1	100.0
Saskatchewan	13.7	6.0	69.1	11.2	100.0
Alberta	10.9	6.3	80.5	2.3	100.0
British Columbia	6.2	4.6	87.3	1.9	100.0
Yukon and Northwest Territories	19.9	14.2	65.9	—	100.0
Canada	**5.7**	**3.3**	**90.2**	**0.8**	**100.0**
Industrial group					
Foods and beverages	10.1	3.8	81.4	4.7	100.0
Tobacco and tobacco products	1.0	0.4	96.1	2.5	100.0
Rubber products	0.2	0.5	99.3	—	100.0
Leather products	6.5	6.0	87.5	—	100.0
Textiles	2.6	1.7	95.6	0.1	100.0
Knitting mills	2.1	4.7	93.2	—	100.0
Clothing	9.3	10.0	80.7	—	100.0
Wood products	20.1	9.7	70.0	0.2	100.0
Paper products	0.4	0.2	99.4	—	100.0
Printing, publishing and allied industries[1]	8.6	4.6	85.5	1.3	100.0
Iron and steel products	2.3	1.6	96.0	0.1	100.0
Transportation equipment	0.4	0.4	99.2	—	100.0
Non-ferrous metal products	1.8	1.1	97.1	—	100.0
Electrical apparatus and supplies	0.3	0.5	99.2	—	100.0
Non-metallic mineral products	5.2	3.4	91.3	0.1	100.0
Products of petroleum and coal	--	--	98.4	1.6	100.0
Chemicals and allied products	1.1	0.6	98.0	0.3	100.0
Miscellaneous manufacturing industries	7.6	4.4	87.8	0.2	100.0

1. Four main categories of ownership only; the non-classifiable group is not included.

Symbols — nil.
-- amount too small to be expressed.

TABLE 17. Percentage Distribution of Employment in the Forty Leading Industries, by Type of Ownership, 1953

No.	Industry	Individual ownership	Partnerships	Incorporated companies	Co-operatives	Total
		p.c.	p.c.	p.c.	p.c.	p.c.
1	Pulp and paper mills	—	—	100.0	—	100.0
2	Non-ferrous metal smelting and refining	—	—	100.0	—	100.0
3	Motor vehicles	—	—	100.0	—	100.0
4	Slaughtering and meat packing	1.5	1.3	95.6	1.6	100.0
5	Petroleum products	--	--	97.7	2.3	100.0
6	Sawmills	30.5	13.2	55.9	0.4	100.0
7	Primary iron and steel	—	—	100.0	—	100.0
8	Aircraft and parts	0.1	--	99.9	—	100.0
9	Butter and cheese	10.4	4.7	62.4	22.5	100.0
10	Railway rolling stock	--	—	100.0	—	100.0
11	Motor vehicle parts	0.8	1.0	98.2	—	100.0
12	Rubber goods, including footwear	0.1	0.5	99.4	—	100.0
13	Miscellaneous food preparations	4.6	1.8	93.6	—	100.0
14	Bread and other bakery products	27.2	7.6	64.7	0.5	100.0
15	Clothing, men's, factory	4.3	8.4	87.3	—	100.0
16	Flour mills	1.3	2.5	94.3	1.9	100.0
17	Miscellaneous electrical apparatus and supplies	0.2	0.4	99.4	—	100.0
18	Machinery, heavy electrical	--	--	100.0	—	100.0
19	Printing and publishing	5.2	2.2	91.5	1.1	100.0
20	Furniture	11.7	8.1	80.2	—	100.0
21	Machinery, industrial	1.9	0.7	97.1	0.3	100.0
22	Sheet metal products	2.0	2.2	95.8	—	100.0
23	Clothing, women's, factory	7.3	7.8	84.9	—	100.0
24	Cotton yarn and cloth	0.1	--	99.9	—	100.0
25	Fruit and vegetable preparations	5.0	2.9	89.0	3.1	100.0
26	Sash, door and planing mills	16.6	8.4	74.8	0.2	100.0
27	Breweries	—	0.5	99.5	—	100.0
28	Radios, television sets, and parts	0.4	1.2	98.4	—	100.0
29	Boxes and bags, paper	1.3	0.6	98.1	—	100.0
30	Shipbuilding	0.3	0.2	99.5	—	100.0
31	Miscellaneous chemical products	1.3	0.6	98.1	—	100.0
32	Printing and bookbinding	14.3	7.6	76.1	2.0	100.0
33	Agricultural implements	0.6	0.6	98.0	0.8	100.0
34	Brass and copper products	1.9	1.5	96.6	—	100.0
35	Feeds, stock and poultry, prepared	14.5	6.6	60.6	18.3	100.0
36	Castings, iron	3.5	2.4	94.1	—	100.0
37	Bridge building and structural steel	0.1	0.1	99.8	—	100.0
38	Tobacco, cigars and cigarettes	1.2	0.5	98.3	—	100.0
39	Miscellaneous paper goods	1.9	0.8	97.3	—	100.0
40	Synthetic textiles and silk	0.2	—	99.8	—	100.0

Symbols: -- amount too small to be expressed.
— nil or zero

TABLE 18. Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Type of Ownership, 1953

Provinces	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
Canada:						
Individual ownership	16,281	75,042	137,879,735	10,705,992	311,832,146	563,946,450
Partnerships	5,421	44,273	92,542,683	5,235,069	187,911,496	352,445,899
Incorporated companies	14,028	1,192,719	3,693,219,328	392,569,537	8,680,046,431	16,594,812,042
Co-operatives	964	10,489	23,477,253	3,278,223	178,058,481	228,542,999
Not classifiable[1]	1,413	4,928	9,899,349	—	22,710,128	45,669,464
Totals	**38,107**	**1,327,451**	**3,957,018,348**	**411,788,821**	**9,380,558,682**	**17,785,416,854**
Newfoundland:						
Individual ownership	469	951	1,130,476	105,808	1,911,360	4,037,299
Partnerships	327	864	705,799	74,019	1,284,208	3,107,031
Incorporated companies	134	8,751	24,749,596	3,588,058	41,693,275	99,221,139
Co-operatives	1					
Not classifiable[1]	8	9	19,037	—	83,178	159,134
Totals	**939**	**10,575**	**26,604,908**	**3,767,885**	**44,972,021**	**106,524,603**
Prince Edward Island:						
Individual ownership	105	376	440,491	69,750	2,034,150	2,971,344
Partnerships	38	177	248,755	29,845	733,367	1,163,115
Incorporated companies	55	1,157	2,313,277	246,192	14,083,078	17,716,935
Co-operatives	15	97	92,920	10,624	103,333	1,335,613
Not Classifiable[1]	3	2	402	—	9,870	11,963
Totals	**216**	**1,809**	**3,095,845**	**356,411**	**16,963,798**	**23,198,970**

TABLE 18. Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Type of Ownership, 1953 — Concluded

Provinces	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
Nova Scotia:						
Individual ownership	846	3,308	4,449,086	412,881	13,460,622	22,748,038
Partnerships	230	1,215	1,613,729	136,293	5,364,425	8,746,731
Incorporated companies	438	27,159	69,959,108	10,951,994	159,181,466	285,241,916
Co-operatives	24	283	324,084	50,396	2,328,091	3,004,909
Not classifiable[1]	53	75	44,748	—	208,931	270,670
Totals	**1,591**	**32,040**	**76,390,755**	**11,551,564**	**180,543,535**	**320,012,264**
New Brunswick:						
Individual ownership	600	2,667	3,669,634	345,196	10,728,021	18,193,074
Partnerships	120	861	1,335,110	93,308	3,405,597	5,824,708
Incorporated companies	323	20,524	54,101,369	10,809,637	142,690,193	263,056,671
Co-operatives	29	375	602,710	87,222	6,804,235	8,372,235
Not classifiable[1]	22	44	44,222	—	169,665	303,731
Totals	**1,094**	**24,471**	**59,753,045**	**11,335,363**	**163,797,711**	**295,750,419**
Quebec:						
Individual ownership	5,701	30,742	53,886,337	3,864,491	133,691,995	234,512,287
Partnerships	1,309	15,054	30,814,949	1,481,102	61,429,213	117,338,241
Incorporated companies	4,223	390,056	1,129,563,101	139,504,858	2,547,009,317	4,933,391,781
Co-operative	467	3,235	5,555,807	913,801	62,897,288	76,005,159
Not classifiable[1]	432	2,468	5,753,120	—	11,345,299	25,537,395
Totals	**12,132**	**441,555**	**1,225,573,314**	**145,764,252**	**2,816,373,112**	**5,386,784,863**
Ontario:						
Individual ownership	4,803	23,711	49,297,855	3,796,663	107,445,826	192,860,540
Partnerships	1,879	17,259	39,590,766	2,032,335	78,585,459	145,565,712
Incorporated companies	5,662	589,719	1,920,989,242	179,692,024	4,334,694,212	8,483,276,381
Co-operatives	244	2,201	5,239,354	722,944	31,736,904	41,305,436
Not classifiable[1]	526	1,664	2,865,001	—	7,672,161	13,496,921
Totals	**13,114**	**634,554**	**2,017,982,218**	**186,243,966**	**4,560,134,562**	**8,876,504,990**
Manitoba:						
Individual ownership	554	2,315	4,454,750	337,799	9,796,846	17,929,403
Partnerships	239	1,723	3,507,162	222,292	7,894,544	14,001,842
Incorporated companies	619	39,090	111,772,083	8,959,446	320,390,536	541,457,213
Co-operatives	25	442	1,133,981	152,368	6,544,877	10,271,165
Not classifiable[1]	103	170	258,303	—	776,312	1,212,836
Totals	**1,540**	**43,740**	**121,126,279**	**9,671,905**	**345,403,115**	**584,872,459**
Saskatchewan:						
Individual ownership	599	1,587	2,598,589	263,512	3,735,804	8,906,368
Partnerships	161	698	1,320,326	125,728	2,534,836	5,169,312
Incorporated companies	215	7,977	24,656,078	5,414,504	146,771,729	216,234,378
Co-operatives	47	1,289	3,734,249	564,068	26,962,357	35,859,815
Not classifiable[1]	40	53	86,276	—	299,216	443,213
Total	**1,062**	**11,604**	**32,395,518**	**6,367,812**	**180,303,942**	**266,613,086**
Alberta:						
Individual ownership	1,017	3,623	6,465,744	597,043	12,163,402	24,518,837
Partnerships	345	2,084	4,393,715	306,774	12,053,045	20,828,139
Incorporated companies	575	26,535	79,768,561	8,863,092	305,802,663	490,490,272
Co-operatives	60	737	1,812,460	166,328	15,577,101	18,991,727
Not classifiable[1]	75	103	164,673	—	624,951	985,852
Totals	**2,072**	**33,082**	**92,605,153**	**9,933,237**	**346,221,162**	**555,814,827**
British Columbia:						
Individual ownership	1,575	5,739	11,421,060	899,756	16,811,192	37,090,964
Partnerships	768	4,313	8,949,208	727,316	14,544,826	30,469,848
Incorporated companies	1,774	81,636	274,921,375	24,404,247	667,504,670	1,262,677,337
Co-operatives	52	1,829	4,981,228	610,402	24,143,657	33,395,519
Not classifiable[1]	148	327	648,447	—	1,491,409	3,190,022
Totals	**4,317**	**93,844**	**300,921,318**	**26,641,721**	**724,495,754**	**1,366,823,690**
Yukon and Northwest Territories:						
Individual ownership	14	35	78,833	13,093	80,564	232,524
Partnerships	5	25	63,164	6,057	81,976	231,220
Incorporated companies	10	117	427,998	135,555	1,187,430	2,052,939
Not classifiable[1]	1					
Totals	**30**	**177**	**569,995**	**154,705**	**1,349,970**	**2,516,683**

1. Consists of the industry "Publishing (only) of Periodicals".

TABLE 19. Principal Statistics of the Manufacturing Industries of Canada Classified by Industrial Groups, and by Type of Ownership, 1953

Industrial groups	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
1. Foods and Beverages:						
Individual ownership	3,855	17,825	31,215,443	5,142,920	136,552,777	197,596,703
Partnerships	892	6,773	13,590,799	1,953,502	63,667,214	91,348,693
Incorporated companies	2,475	143,734	392,821,025	38,854,913	1,934,175,868	3,002,087,711
Co-operatives	907	8,317	17,653,285	2,796,719	162,343,878	200,928,404
Totals	**8,129**	**176,649**	**455,280,552**	**48,748,054**	**2,296,739,737**	**3,491,961,511**
2. Tobacco and Tobacco Products:						
Individual ownership	21	130	202,531	7,661	300,354	604,514
Partnerships	2					
Incorporated companies	29	9,125	26,245,317	616,328	136,668,433	211,582,590
Co-operatives	3	239	317,795	15,236	1,522,261	1,958,387
Totals	**55**	**9,494**	**26,765,643**	**639,225**	**138,491,048**	**214,145,491**
3. Rubber Products:						
Individual ownership	6	34	61,936	6,901	52,307	147,621
Partnerships	5	106	233,144	13,324	129,313	504,150
Incorporated companies	61	22,460	70,699,563	3,704,485	114,155,074	290,083,688
Totals	**72**	**22,600**	**70,994,643**	**3,724,710**	**114,336,694**	**290,735,459**
4. Leather Products:						
Individual ownership	191	2,155	3,872,053	84,931	6,444,923	12,475,020
Partnerships	93	1,960	3,733,707	71,109	5,618,221	11,172,601
Incorporated companies	411	28,953	63,359,735	1,900,701	104,353,035	198,762,561
Totals	**695**	**33,068**	**70,965,495**	**2,056,741**	**116,416,179**	**222,410,182**
5. Textile Products (Except Clothing):						
Individual ownership	282	1,936	3,514,169	156,593	6,556,624	12,590,776
Partnerships	106	1,225	2,433,637	86,714	4,470,110	8,856,884
Incorporated companies	569	70,029	178,656,810	12,891,090	377,297,850	679,242,605
Co-operatives	2					
Totals	**959**	**73,190**	**184,604,616**	**13,134,397**	**388,324,584**	**700,690,265**
6a Knitting Mills:						
Individual ownership	44	506	836,160	36,887	1,365,658	2,898,548
Partnerships	37	1,162	2,258,616	45,512	5,750,410	9,857,131
Incorporated companies	213	22,745	49,325,905	1,741,346	70,588,104	148,036,663
Totals	**294**	**24,413**	**52,420,681**	**1,823,745**	**77,704,172**	**160,792,342**
6b Clothing (Textile and Fur):						
Individual ownership	770	8,916	16,819,810	292,342	31,389,757	61,435,313
Partnerships	550	9,555	20,975,859	258,186	36,452,981	71,706,631
Incorporated companies	1,468	77,187	164,209,610	1,840,864	293,715,744	564,046,727
Totals	**2,788**	**95,658**	**202,005,279**	**2,391,392**	**361,558,482**	**697,188,671**
7. Wood Products:						
Individual ownership	7,756	27,014	43,081,286	3,074,154	94,550,171	178,692,849
Partnerships	2,363	12,968	22,945,916	1,500,246	44,514,371	86,731,447
Incorporated companies	2,317	93,952	258,746,535	10,260,078	508,561,759	972,775,439
Co-operatives	26	376	845,515	67,352	2,104,755	3,815,077
Totals	**12,462**	**134,310**	**325,619,252**	**14,901,830**	**649,731,056**	**1,242,014,812**
8. Paper Products:						
Individual ownership	49	370	752,441	26,033	1,133,924	2,408,799
Partnerships	17	161	380,268	16,864	675,267	1,395,148
Incorporated companies	489	83,905	308,974,998	83,473,998	715,650,852	1,564,446,574
Totals	**555**	**84,436**	**310,107,707**	**83,516,895**	**717,460,043**	**1,568,250,521**
9. Printing, Publishing and Allied Industries:						
Individual ownership	1,231	5,300	12,370,699	467,349	8,184,713	27,596,304
Partnerships	431	2,832	7,394,013	206,947	5,055,913	16,387,346
Incorporated companies	1,071	52,657	173,550,743	3,431,758	137,864,603	448,960,376
Co-operatives	13	825	2,424,870	60,306	1,434,316	5,193,109
Not classifiable[1]	1,411	4,916	9,886,229	—	22,682,492	45,615,237
Totals	**4,157**	**66,530**	**205,626,554**	**4,166,360**	**175,222,037**	**543,752,372**
10. Iron and Steel Products:						
Individual ownership	670	4,236	10,735,500	509,974	8,785,317	26,048,490
Partnerships	355	3,100	8,422,580	368,480	8,365,309	23,251,137
Incorporated companies	1,671	180,900	624,316,047	50,575,837	889,014,613	2,049,251,452
Co-operatives	2					
Totals	**2,698**	**188,236**	**643,474,127**	**51,454,291**	**906,165,239**	**2,098,551,079**
11. Transportation Equipment:						
Individual ownership	183	696	1,391,365	67,352	1,310,611	3,470,110
Partnerships	71	552	1,329,678	49,127	1,570,456	3,659,979
Incorporated companies	367	154,811	552,690,109	17,662,418	1,108,072,514	2,082,807,544
Totals	**621**	**156,059**	**555,411,152**	**17,778,897**	**1,110,953,581**	**2,089,937,633**

TABLE 19. Principal Statistics of the Manufacturing Industries of Canada Classified by Industrial Groups, and by Type of Ownership, 1953 — Concluded

Industrial groups	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
12. Non-ferrous Metal Products:						
Individual ownership	148	952	2,163,673	84,163	2,541,104	5,980,403
Partnerships	69	574	1,472,209	53,392	2,115,408	4,687,116
Incorporated companies	334	50,532	175,074,175	57,564,853	721,471,603	1,231,343,475
Totals	**551**	**52,058**	**178,710,057**	**57,702,408**	**726,128,115**	**1,242,010,994**
13. Electrical Apparatus and Supplies:						
Individual ownership	42	258	575,394	22,654	941,212	2,042,710
Partnerships	24	363	782,922	20,436	1,589,795	3,023,078
Incorporated companies	356	76,235	249,288,461	6,913,654	381,212,987	843,124,466
Totals	**422**	**76,856**	**250,646,777**	**6,956,744**	**383,743,994**	**848,190,254**
14. Non-metallic Mineral Products:						
Individual ownership	376	1,769	3,786,490	456,282	3,979,247	10,865,670
Partnerships	164	1,183	2,702,626	438,084	2,819,156	8,256,363
Incorporated companies	553	31,400	100,785,958	34,080,125	127,320,445	389,787,159
Co-operatives	1					
Totals	**1,094**	**34,352**	**107,275,074**	**34,974,491**	**134,118,848**	**408,909,192**
15. Products of Petroleum and Coal:						
Individual ownership	3	10	21,075	1,038	49,071	98,482
Partnerships	2					
Incorporated companies	93	17,102	66,544,359	35,224,708	576,261,570	822,990,858
Co-operatives	2					
Totals	**100**	**17,112**	**66,565,434**	**35,225,746**	**576,310,641**	**823,089,340**
16. Chemicals and Allied Products:						
Individual ownership	177	532	1,068,455	58,594	1,761,972	3,982,032
Partnerships	66	298	678,211	39,457	1,077,233	2,466,168
Incorporated companies	857	49,205	162,241,027	29,393,315	398,623,296	872,141,605
Co-operatives	5	172	603,117	49,572	2,223,830	2,914,040
Totals	**1,105**	**50,207**	**164,590,810**	**29,540,938**	**403,686,331**	**881,503,845**
17. Miscellaneous Manufacturing Industries:						
Individual ownership	479	2,455	5,522,504	211,468	6,078,057	15,343,023
Partnerships	174	1,421	3,110,369	112,385	3,922,322	8,865,337
Incorporated companies	694	28,288	77,219,873	2,724,211	93,426,274	236,833,502
Co-operatives	3	59	101,749	3,893	41,248	241,029
Totals	**1,350**	**32,223**	**85,954,495**	**3,051,957**	**103,467,901**	**261,282,891**

1. Consists of the industry "Publishing (only) of Periodicals".

Subsection 5. Leading Manufacturing Industries

In the following statement, the rank of the ten leading industries in 1953, from the standpoint of gross value of production, is compared with their respective ranks in significant years since 1922.

Industry	Rank in						
	1953	1949	1944	1939	1933	1929	1922
Pulp and paper	1	1	5	2	1	1	2
Non-ferrous metal smelting and refining	2	3	2	1	2	9	1
Motor vehicles	3	4	7	5	11	4	6
Slaughtering and meat packing	4	2	1	3	3	2	3
Petroleum products	5	5	14	6	6	10	9
Sawmills	6	6	11	8	14	5	4
Primary iron and steel	7	8	13	11	31	16	20
Aircraft and parts	8	1	4	1	1	1	1
Butter and cheese	9	7	10	4	5	6	5
Railway rolling stock	10	9	16	16	23	7	24

1. Did not rank among the forty leading industries that year.

A prominent feature of Canadian manufacturing development during the past 25 years has been the rapid growth of non-ferrous metal smelting. This industry, based upon the rich base-metal resources of the country, has taken its place among the leading manufactures along with the industries based upon forest, agricultural and live-stock resources.

The incidence of the depression resulted in a rearrangement in the ranking of many industries which in some cases has proved to be temporary. During the War, the industries engaged in producing the equipment needed by the Armed Forces, such as shipbuilding, aircraft, automobiles, miscellaneous chemical products, and primary iron and steel, advanced to higher positions. When the War ended, the industries engaged in the production of consumer goods, by reason of the expanded demand for their products, bettered their positions. Pulp and paper, after a lapse of a number of years, resumed its premier position.

Some major changes took place in the ranking of the ten leading industries in 1953. The impetus given to Canadian manufacturing production by the Korean war is reflected in the advance of the aircraft industry to the eighth position. This industry which did not rank among the forty leading industries before World War II was in fourth place in 1944 and sixteenth place in 1952. The shipbuilding industry also bettered its position as a result of the current defence program, reaching the thirty-fourth place in 1952 and the thirtieth place in 1953. Pulp and paper retained its premier position. Non-ferrous metal smelting and refining and motor vehicles bettered their position in 1953, while slaughtering and meat packing, butter and cheese, and railway rolling stock declined in relative importance. Petroleum products, sawmills and primary iron and steel were unchanged as compared with 1952.

TABLE 20. Principal Statistics of the Forty Leading Industries of Canada, Ranked According to Selling Value of Factory Shipments, 1953

No.	Industry	Establishments	Employees	Earnings	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments
		No.	No.	$	$	$	$
1	Pulp and paper	127	58,194	235,741,660	499,350,994	599,934,934	1,179,665,443
2	Non ferrous metal smelting and refining	18	25,115	94,545,611	508,116,759	310,207,228	870,918,142
3	Motor vehicles	20	32,973	131,316,134	557,709,086	273,598,093	835,554,549
4	Slaughtering and meat packing	152	22,887	74,431,943	672,763,955	152,022,908	829,468,022
5	Petroleum products	55	11,858	48,574,772	507,214,040	159,603,271	694,988,605
6	Sawmills	8,194	60,933	142,131,003	304,584,643	269,066,309	580,693,704
7	Primary iron and steel	62	34,956	129,709,556	212,374,287	216,957,645	458,904,255
8	Aircraft and parts	43	38,048	142,375,699	135,756,989	260,548,393	398,744,272
9	Butter and cheese	1,527	20,697	52,507,579	293,915,639	95,787,291	396,955,715
10	Railway rolling stock	36	35,447	118,026,350	179,892,257	153,677,779	338,321,229
11	Motor vehicle parts	179	23,335	81,186,799	162,324,012	141,251,977	307,676,670
12	Rubber goods, including footwear	72	22,600	70,994,643	114,336,694	172,674,055	290,735,459
13	Miscellaneous food preparations	322	9,757	26,028,134	200,378,736	80,864,996	284,366,431
14	Bread and other bakery products	2,571	33,540	80,902,687	129,224,657	139,987,817	277,998,092
15	Clothing, men's, factory	601	35,119	74,709,888	147,283,980	125,833,604	273,946,025
16	Flour mills	95	4,962	14,946,310	224,518,387	40,262,095	266,430,548
17	Miscellaneous electrical apparatus and supplies	151	22,671	74,576,087	109,321,170	141,809,125	253,731,281
18	Machinery, heavy, electrical	55	25,454	88,359,663	87,704,273	154,594,631	244,273,012
19	Printing and publishing	795	28,499	93,821,611	66,814,175	174,943,176	243,892,279
20	Furniture	1,640	29,768	75,836,177	107,747,252	121,482,928	231,557,354
21	Machinery, industrial	312	22,163	75,295,453	78,394,744	145,229,561	225,962,481
22	Sheet metal products	316	18,275	58,831,831	119,186,160	103,826,528	225,423,031
23	Clothing, women's, factory	830	28,277	61,838,049	116,186,888	103,679,336	220,410,178
24	Cotton yarn and cloth	54	23,178	55,036,540	132,917,545	73,326,204	210,220,958
25	Fruit and vegetable preparations	454	15,385	32,838,899	119,911,000	82,491,454	205,119,469
26	Sash, door and planing mills	1,775	20,241	48,119,296	120,988,715	77,217,333	200,929,152
27	Breweries	61	8,383	31,737,897	51,482,008	146,805,908	200,885,656
28	Radios, television sets and parts	103	17,213	51,234,692	112,634,139	86,791,493	200,129,328
29	Boxes and bags, paper	192	14,042	38,752,738	115,598,568	81,755,394	198,540,167
30	Shipbuilding	79	22,571	72,732,056	65,821,268	115,523,663	183,215,310
31	Miscellaneous chemical products	251	12,527	39,524,954	88,124,634	80,180,174	176,489,989
32	Printing and bookbinding	1,696	23,846	68,382,615	62,093,666	112,606,355	176,176,468
33	Agricultural implements	80	14,161	50,302,007	90,344,539	79,100,472	171,269,525
34	Brass and copper products	153	9,301	31,539,770	108,715,110	59,866,300	170,691,735
35	Feeds, stock and poultry, prepared	654	5,760	13,861,889	137,828,019	30,291,490	170,433,683
36	Castings, iron	201	15,346	52,985,576	69,150,209	85,034,389	157,465,126
37	Bridge building and structural steel	47	11,243	42,534,324	64,196,383	90,785,457	156,327,770
38	Tobacco, cigars and cigarettes	42	7,711	23,376,081	79,261,880	67,702,851	147,388,329
39	Miscellaneous paper goods	210	9,723	27,809,907	82,195,084	63,773,278	147,270,934
40	Synthetic textiles and silk	47	15,723	43,939,105	63,938,444	78,585,277	146,418,307
	Totals, leading industries	**24,272**	**891,882**	**2,771,395,985**	**7,100,300,988**	**5,549,681,172**	**12,949,588,683**
	Totals, all industries	**38,107**	**1,327,451**	**3,957,018,348**	**9,380,558,682**	**7,993,069,351**	**17,785,416,854**
	Percentage of leading industries to all industries	63.7	67.2	70.2	75.7	69.4	72.8

SECTION 4. PRINCIPAL FACTORS IN MANUFACTURING PRODUCTION

The subjects treated under this Section include capital, employment, salaries and wages, size of establishments and power and fuel used in manufacturing.

Subsection 1. Capital and Repair Expenditures

Prior to 1944 the following information on capital investment was collected: Fixed Capital—Land, buildings, fixtures, machinery, tools and other equipment. Working Capital—(1) Inventory value of raw materials, stocks in process, fuel and miscellaneous supplies on hand; (2) Inventory value of finished products; (3) Cash, bills and accounts receivable, prepaid expenses, etc. This was replaced by the collection of statistics on the expenditure on fixed capital and repairs.

The remarkable increase in capital employed in Canadian manufactures from the beginning of the twentieth century has, of course, run parallel with the rapid growth in industrial operations. From 1900 to 1905 the capital increased from $446,900,000 to $833,900,000 and advanced to $1,958,700,000 in 1915. During this period returns were received from establishments with 5 hands or over, and, while the rise in wholesale prices did not exceed 37 p.c., the capital employed in manufactures increased nearly 340 p.c.

The capital investment in 1943 in all establishments, irrespective of the number of employees, but exclusive of central electric stations, was $6,317,000,000 as compared with $2,234,000,000 in 1917, an increase of 171 p.c., while wholesale prices declined about 13 p.c. in the same period.

Capital expenditures by manufacturers in 1953 totalled $324,500,000 for construction and $644,500,000 for machinery and equipment, while $480,100,000 went for repairs. Of the total capital expenditures, amounting to $969,000,000 in 1953, 13.9 p.c. was reported by the chemical products group, 13.0 p.c. by iron and steel products, 11.8 p.c. by paper products, 11.1 p.c. by transportation equipment, 9.7 p.c. by foods and beverages, 9.3 p.c. by products of petroleum and coal, 9.0 p.c. by non-ferrous metal products, etc.

Of the groups reporting capital expenditures of $25,000,000 or more in 1953, five reported increases and six reported decreases. Of the groups reporting increases, transportation equipment with $35,300,000 led the list, followed by non-ferrous metal products with $8,600,000, foods and beverages $7,700,000, products of petroleum and coal $4,000,000, and wood products $2,800,000. The paper products group with $25,400,000 led the list of the groups reporting decreases in capital investment. This was followed by iron and its products with $21,900,000, chemical products $18,700,000, electrical apparatus and supplies $4,400,000, textiles, except clothing $3,600,000, and non-metallic mineral products $2,000,000.

Capital expenditures in 1953 declined by $3,600,000 in 1953. This compares with an increase of $180,000,000 in 1952 and $290,000,000 in 1951.

Expenditures on capital assets which averaged $913,000,000 during the past three years reflect the expansion and modernization which the manufacturing industries of Canada have experienced. Although the expansion was at a rapid rate, not all provinces, however, shared in this expansion at an equal rate. According to the following table which compares the share of each province's capital expenditures with their share of the total value of factory shipments during 1951-53, it may be seen that Alberta had relatively higher capital expenditures than any other province, its share of capital expenditures being 7.44 p.c. as compared with only 3.00 p.c. of the total value of factory shipments. British Columbia did almost as well, while Ontario and Newfoundland, although in the same category, did so to a lessor degree. Quebec was the major province that did not keep pace in the relative expenditures on construction and equipment. Its share was only 22.47 p.c. as compared with 30.26 p.c. for value of factory shipments. Prince Edward Island, Nova Scotia, New Brunswick, Manitoba and Saskatchewan were the other provinces that lost ground.

Comparison of Capital Expenditures with Value of Factory Shipments, 1951-1953

Province	Per cent of total	
	Capital expenditures	Selling value of factory shipments
Newfoundland	1.40	.61
Prince Edward Island	.08	.13
Nova Scotia	1.56	1.86
New Brunswick	1.54	1.75
Quebec	22.47	30.26
Ontario	50.17	49.50
Manitoba	1.51	3.35
Saskatchewan	1.49	1.52
Alberta	7.44	3.00
British Columbia	12.34	8.02
Total	**100.00**	**100.00**

TABLE 21. Capital and Repair Expenditures by the Manufacturing Industries, by Provinces and Industrial Groups, 1953, with Totals for 1944-52

Group and year	Capital expenditures			Repair expenditures		
	Construction	Machinery and equipment	Total	Construction	Machinery and equipment	Total
	$'000,000					
1944	61.3	150.1	211.4	60.7	173.5	234.2
1945	75.9	204.2	280.1	63.1	170.6	233.7
1946	132.2	205.0	337.2	56.8	164.3	221.1
1947	184.7	343.2	527.9	62.4	210.7	273.1
1948	184.8	394.2	579.0	78.9	253.9	332.8
1949	156.6	379.2	535.8	66.7	267.2	333.9
1950	135.4	367.1	502.5	67.6	279.0	346.6
1951	267.6	525.0	792.6	85.0	337.0	422.0
1952	343.6	629.0	972.6	95.2	363.5	458.7
Provinces, 1953						
Newfoundland	5.2	8.1	13.3	1.6	4.1	5.7
Prince Edward Island	0.2	0.7	0.9	0.1	0.2	0.3
Nova Scotia	4.4	8.9	13.3	7.4	8.4	15.8
New Brunswick	2.1	8.8	10.9	1.7	9.0	10.7
Quebec	44.9	140.2	185.1	22.0	111.4	133.4
Ontario	169.3	330.1	499.4	43.5	200.2	243.7
Manitoba	2.8	9.0	11.8	3.2	9.1	12.3
Saskatchewan	13.2	4.6	17.8	1.9	2.9	4.8
Alberta	27.2	64.3	91.5	3.9	8.7	12.6
British Columbia	55.2	69.8	125.0	9.3	31.5	40.8
Totals, 1953	**324.5**	**644.5**	**969.0**	**94.6**	**385.5**	**480.1**
Industrial groups, 1953						
Foods and beverages	26.0	59.0	85.0	12.8	40.1	52.9
Tobacco and tobacco products	1.0	2.2	3.2	0.6	1.5	2.1
Rubber products	4.1	11.1	15.2	1.3	6.1	7.4
Leather products	0.9	2.2	3.1	0.7	2.3	3.0
Textile products (except clothing)	7.9	20.0	27.9	2.8	16.6	19.4
Clothing (textile and fur)	3.8	10.6	14.4	1.5	4.5	6.0
Wood products	10.4	24.2	34.6	7.8	22.3	30.1
Paper products	22.5	81.6	104.1	7.0	69.7	76.7
Printing, publishing and allied trades	3.8	12.6	16.4	2.0	4.4	6.4
Iron and steel products	35.5	78.5	114.0	15.6	70.8	86.4
Transportation equipment	46.9	50.5	97.4	11.9	33.0	44.9
Non-ferrous metal products	37.6	41.7	79.3	8.7	36.1	44.8
Electrical apparatus and supplies	15.8	20.2	36.0	2.7	14.2	16.9
Non-metallic mineral products	11.0	21.3	32.3	2.2	22.1	24.3
Products of petroleum and coal	61.6	19.9	81.5	11.8	12.0	23.8
Chemical products	32.0	90.3	122.3	4.3	26.5	30.8
Miscellaneous industries	3.7	5.0	8.7	0.9	3.3	4.2
Capital items charged to operating expense	–	93.6	93.6	–	–	–

TABLE 22. Capital and Repair Expenditures by the Manufacturing Industries, by Provinces 1948-53

Province	Capital expenditures			Repair expenditures		
	Construction	Machinery and equipment	Total	Construction	Machinery and equipment	Total
	$'000,000					
Newfoundland:						
1948[1]	–	–	–	–	–	–
1949	2.3	6.0	8.3	1.5	3.6	5.1
1950	2.0	5.5	7.5	1.0	3.0	4.0
1951	3.4	6.4	9.8	1.2	4.2	5.4
1952	5.4	9.7	15.1	0.9	8.5	9.4
1953	5.2	8.1	13.3	1.6	4.1	5.7
Prince Edward Island:						
1948	0.1	0.3	0.4	0.1	0.2	0.3
1949	0.1	0.2	0.3	0.1	0.1	0.2
1950	0.4	0.5	0.9	0.1	0.2	0.3
1951	0.2	0.2	0.4	0.1	0.2	0.3
1952	0.4	0.6	1.0	0.2	0.2	0.4
1953	0.2	0.7	0.9	0.1	0.2	0.3
Nova Scotia:						
1948	5.9	6.5	12.4	5.0	5.8	10.8
1949	3.4	5.5	8.9	2.7	7.5	10.2
1950	1.7	5.9	7.6	4.0	5.1	9.1
1951	1.8	10.6	12.4	5.0	6.4	11.4
1952	6.7	10.2	16.9	7.0	8.1	15.1
1953	4.4	8.9	13.3	7.4	8.4	15.8

1. Not available.

TABLE 22. Capital and Repair Expenditures by the Manufacturing Industries, by Provinces 1948-53 – Concluded

Province	Capital expenditures			Repair expenditures		
	Construction	Machinery and equipment	Total	Construction	Machinery and equipment	Total
	$'000,000					
New Brunswick:						
1948	4.4	10.7	15.1	1.2	7.1	8.3
1949	2.6	10.0	12.6	1.2	6.5	7.7
1950	1.2	6.3	7.5	1.1	6.4	7.5
1951	4.2	13.3	17.5	1.7	7.8	9.5
1952	3.1	10.6	13.7	1.1	8.5	9.6
1953	2.1	8.8	10.9	1.7	9.0	10.7
Quebec:						
1948	58.1	127.3	185.4	20.5	76.6	97.1
1949	50.4	113.8	164.2	19.1	80.6	99.7
1950	44.0	108.5	152.5	19.2	81.7	100.9
1951	54.7	143.8	198.5	21.3	96.6	117.9
1952	66.0	164.9	230.9	25.5	103.9	129.4
1953	44.9	140.2	185.1	22.0	111.4	133.4
Ontario:						
1948	89.4	200.7	290.1	38.3	123.4	161.7
1949	63.1	177.1	240.2	30.0	127.3	157.3
1950	56.1	161.8	217.9	30.2	140.9	171.1
1951	137.8	257.4	395.2	39.4	170.4	209.8
1952	158.3	318.9	477.2	43.6	179.5	223.1
1953	169.3	330.1	499.4	43.5	200.2	243.7
Manitoba:						
1948	2.6	8.3	10.9	2.2	6.1	8.3
1949	3.6	9.9	13.5	2.3	6.5	8.8
1950	5.7	10.9	16.6	2.1	6.6	8.7
1951	7.9	9.7	17.6	2.5	7.5	10.0
1952	3.1	8.7	11.8	3.4	9.4	12.8
1953	2.8	9.0	11.8	3.2	9.1	12.3
Saskatchewan:						
1948	2.0	3.3	5.3	1.0	1.5	2.5
1949	3.5	7.0	10.5	0.6	2.4	3.0
1950	2.3	6.2	8.5	0.5	2.6	3.1
1951	3.7	9.5	13.2	1.2	2.4	3.6
1952	3.5	6.2	9.7	1.4	2.8	4.2
1953	13.2	4.6	17.8	1.9	2.9	4.8
Alberta:						
1948	9.6	6.7	16.3	2.0	4.8	6.8
1949	4.4	8.5	12.9	1.6	6.1	7.7
1950	3.2	13.4	16.6	1.7	6.1	7.8
1951	12.7	23.9	36.6	2.7	5.8	8.5
1952	43.4	31.8	75.2	4.1	7.1	11.2
1953	27.2	64.3	91.5	3.9	8.7	12.6
British Columbia:						
1948	12.7	30.4	43.1	8.6	28.4	37.0
1949	23.2	41.2	64.4	7.6	26.6	34.2
1950	18.8	48.1	66.9	7.7	26.4	34.1
1951	41.2	50.2	91.4	9.9	35.7	45.6
1952	53.7	67.4	121.1	8.0	35.5	43.5
1953	55.2	69.8	125.0	9.3	31.5	40.8

TABLE 23. Capital and Repair Expenditures by the Manufacturing Industries, by Industrial Groups, 1944-53

Group and year	Capital expenditures			Repair expenditures		
	Construction	Machinery and equipment	Total	Construction	Machinery and equipment	Total
	$'000,000					
Foods and beverages:						
1944	10.7	11.4	22.1	8.5	21.2	29.7
1945	18.2	16.2	34.4	11.6	19.8	31.4
1946	24.7	28.4	53.1	12.3	20.5	32.8
1947	33.0	49.8	82.8	10.8	25.7	36.5
1948	31.9	56.5	88.4	13.2	28.6	41.8
1949	27.7	60.8	88.5	10.4	30.7	41.1
1950	26.0	49.2	75.2	10.0	31.6	41.6
1951	28.0	51.1	79.1	11.8	34.3	46.1
1952	26.6	50.7	77.3	12.5	36.0	48.5
1953	26.0	59.0	85.0	12.8	40.1	52.9

TABLE 23. Capital and Repair Expenditures by the Manufacturing Industries, by Industrial Groups, 1944-53 — Continued

Group and year	Capital expenditures			Repair expenditures		
	Construction	Machinery and equipment	Total	Construction	Machinery and equipment	Total
	$'000,000					
Tobacco and tobacco products:						
1944[1]	—	—	—	—	—	—
1945[1]	—	—	—	—	—	—
1946	1.2	0.9	2.1	0.5	0.6	1.1
1947	1.0	2.1	3.1	0.5	1.0	1.5
1948	0.8	1.9	2.7	0.5	1.3	1.8
1949	0.3	2.0	2.3	0.4	1.3	1.7
1950	1.0	1.6	2.6	0.4	1.3	1.7
1951	0.5	1.7	2.2	0.4	1.3	1.7
1952	0.5	1.8	2.3	0.5	1.3	1.8
1953	1.0	2.2	3.2	0.6	1.5	2.1
Rubber products (including footwear):						
1944[1]	—	—	—	—	—	—
1945[1]	—	—	—	—	—	—
1946	3.9	3.6	7.5	1.1	3.7	4.8
1947	2.4	7.8	10.2	1.3	6.1	7.4
1948	1.5	4.5	6.0	0.9	4.6	5.5
1949	1.7	5.6	7.3	0.6	4.4	5.0
1950	0.6	4.1	4.7	0.7	4.6	5.3
1951	2.0	5.9	7.9	0.9	5.5	6.4
1952	2.7	7.3	10.0	0.9	6.0	6.9
1953	4.1	11.1	15.2	1.3	6.1	7.4
Leather products:						
1944[1]	—	—	—	—	—	—
1945[1]	—	—	—	—	—	—
1946	1.6	1.6	3.2	1.1	2.4	3.5
1947	1.2	2.0	3.2	0.9	2.9	3.8
1948	1.2	2.2	3.4	1.0	2.6	3.6
1949	0.6	2.5	3.1	0.7	2.2	2.9
1950	0.7	1.8	2.5	0.6	2.1	2.7
1951	0.9	1.9	2.8	0.6	2.1	2.7
1952	0.6	1.7	2.3	0.6	2.0	2.6
1953	0.9	2.2	3.1	0.7	2.3	3.0
Textile products (except clothing):						
1944	1.8	4.9	6.7	2.8	7.6	10.4
1945	1.3	7.7	9.0	2.9	8.5	11.4
1946	8.4	16.2	24.6	3.3	10.2	13.5
1947	10.9	25.7	36.6	2.8	12.2	15.0
1948	6.5	29.1	35.6	3.9	14.2	18.1
1949	7.0	29.9	36.9	3.6	14.9	18.5
1950	6.6	20.8	27.4	3.5	15.9	19.4
1951	9.9	29.2	39.1	4.0	16.7	20.7
1952	7.0	24.5	31.5	3.8	15.6	19.4
1953	7.9	20.0	27.9	2.8	16.6	19.4
Clothing (textile and fur):						
1944	2.8	1.1	3.9	3.8	3.3	7.1
1945	9.2	4.4	13.6	2.1	3.1	5.2
1946	2.6	5.8	8.4	2.2	3.8	6.0
1947	3.7	10.3	14.0	1.9	4.7	6.6
1948	2.1	10.2	12.3	2.2	4.8	7.0
1949	3.0	12.7	15.7	1.9	4.9	6.8
1950	2.5	9.4	11.9	1.4	4.6	6.0
1951	4.1	9.1	13.2	1.4	4.7	6.1
1952	1.6	11.1	12.7	1.3	4.4	5.7
1953	3.8	10.6	14.4	1.5	4.5	6.0
Wood products:						
1944	2.9	2.4	5.3	4.6	13.5	18.1
1945	1.6	3.6	5.2	5.3	15.2	20.5
1946	10.9	9.5	20.4	5.7	12.2	17.9
1947	11.4	20.7	32.1	6.5	15.6	22.1
1948	7.9	18.5	26.4	7.1	18.9	26.0
1949	7.5	22.9	30.4	5.7	18.2	23.9
1950	8.1	21.3	29.4	5.4	19.4	24.8
1951	11.2	27.4	38.6	7.7	24.5	32.2
1952	9.3	22.5	31.8	6.1	23.5	29.6
1953	10.4	24.2	34.6	7.8	22.3	30.1
Paper products:						
1944	8.0	6.7	14.7	1.9	32.3	34.2
1945	5.8	10.8	16.6	1.9	34.7	36.6
1946	27.2	27.8	55.0	5.3	28.4	33.7
1947	31.2	49.8	81.0	6.4	37.3	43.7
1948	29.1	60.4	89.5	7.0	47.3	54.3
1949	26.8	65.2	92.0	8.7	51.1	59.8
1950	21.1	57.4	78.5	8.0	51.7	59.7
1951	41.7	83.2	124.9	9.7	69.0	78.7
1952	33.6	95.9	129.5	8.3	72.9	81.2
1953	22.5	81.6	104.1	7.0	69.7	76.7

1. Figures not compiled separately; they are, however, included in the total.

TABLE 23. Capital and Repair Expenditures by the Manufacturing Industries, by Industrial Groups, 1944-53 — Continued

Group and year	Capital expenditures			Repair expenditures		
	Construction	Machinery and equipment	Total	Construction	Machinery and equipment	Total
	$'000,000					
Printing, publishing and allied trades:						
1944	0.2	2.2	2.4	0.6	3.9	4.5
1945	3.9	2.1	6.0	0.8	5.1	5.9
1946	2.9	4.4	7.3	1.3	2.4	3.7
1947	5.4	8.4	13.8	1.6	3.2	4.8
1948	7.0	12.4	19.4	1.6	3.9	5.5
1949	6.3	16.4	22.7	1.4	3.9	5.3
1950	5.0	14.4	19.4	1.7	4.1	5.8
1951	6.3	18.0	24.3	1.7	4.6	6.3
1952	3.3	11.0	14.3	1.5	4.1	5.6
1953	3.8	12.6	16.4	2.0	4.4	6.4
Iron and steel products:						
1944	10.1	22.2	32.3	6.5	26.2	32.7
1945	12.8	18.5	31.3	7.7	24.6	32.3
1946	14.9	22.0	36.9	8.4	22.8	31.2
1947	16.0	38.9	54.9	10.1	32.4	42.5
1948	19.6	36.7	56.3	12.0	38.4	50.4
1949	14.6	44.9	59.5	12.4	38.9	51.3
1950	13.5	30.7	44.2	12.7	41.7	54.4
1951	47.1	50.1	97.2	13.0	58.9	71.9
1952	46.2	89.7	135.9	16.1	64.8	80.9
1953	35.5	78.5	114.0	15.6	70.8	86.4
Transportation equipment:						
1944	1.6	4.7	6.3	11.0	20.8	31.8
1945	2.2	8.6	10.8	8.1	17.2	25.3
1946	5.4	10.3	15.7	3.7	14.4	18.1
1947	5.2	8.9	14.1	3.1	14.2	17.3
1948	5.4	10.0	15.4	5.3	16.8	22.1
1949	6.7	18.2	24.9	5.3	20.2	25.5
1950	9.9	17.4	27.3	5.7	20.0	25.7
1951	21.8	27.1	48.9	6.9	21.5	28.4
1952	37.1	25.0	62.1	11.6	31.1	42.7
1953	46.9	50.5	97.4	11.9	33.0	44.9
Non-ferrous metal products:						
1944	6.4	2.4	8.8	5.0	15.3	20.3
1945	0.7	3.5	4.2	3.8	12.7	16.5
1946	2.3	5.3	7.6	3.1	12.2	15.3
1947	6.7	9.4	16.1	4.7	16.4	21.1
1948	8.9	16.8	25.7	7.8	25.9	33.7
1949	10.4	22.0	32.4	4.4	22.3	26.7
1950	8.9	13.5	22.4	4.0	24.6	28.6
1951	22.4	26.0	48.4	6.9	30.3	37.2
1952	35.1	35.6	70.7	8.5	34.2	42.7
1953	37.6	41.7	79.3	8.7	36.1	44.8
Electrical apparatus and supplies:						
1944[1]	—	—	—	—	—	—
1945[1]	—	—	—	—	—	—
1946	3.0	8.7	11.7	1.2	5.0	6.2
1947	5.3	9.7	15.0	2.0	7.1	9.1
1948	4.8	11.9	16.7	2.2	8.7	10.9
1949	4.8	14.1	18.9	2.0	9.4	11.4
1950	3.1	10.6	13.7	2.0	10.5	12.5
1951	16.3	15.6	31.9	2.2	11.4	13.6
1952	21.8	18.6	40.4	2.8	11.7	14.5
1953	15.8	20.2	36.0	2.7	14.2	16.9
Non-metallic mineral products:						
1944	1.4	1.2	2.6	0.8	6.5	7.3
1945	3.1	2.1	5.2	0.8	7.0	7.8
1946	3.5	4.2	7.7	1.4	8.4	9.8
1947	11.3	10.6	21.9	1.6	9.9	11.5
1948	11.1	17.0	28.1	2.3	13.3	15.6
1949	6.9	15.2	22.1	1.5	14.3	15.8
1950	4.4	12.0	16.4	1.6	15.7	17.3
1951	11.5	18.9	30.4	4.7	15.6	20.3
1952	11.2	23.1	34.3	3.9	16.6	20.5
1953	11.0	21.3	32.3	2.2	22.1	24.3
Products of petroleum and coal:						
1944[1]	—	—	—	—	—	—
1945[1]	—	—	—	—	—	—
1946	5.2	4.6	9.8	2.4	5.2	7.6
1947	23.3	10.4	33.7	3.4	7.8	11.2
1948	29.3	13.4	42.7	6.6	6.3	12.9
1949	18.1	11.6	29.7	3.0	11.0	14.0
1950	14.3	18.5	32.8	4.8	9.7	14.5
1951	21.7	37.3	59.0	8.3	8.8	17.1
1952	41.1	36.4	77.5	11.2	9.5	20.7
1953	61.6	19.9	81.5	11.8	12.0	23.8

1. Figures not compiled separately; they are, however, included in the total.

TABLE 23. Capital and Repair Expenditures by the Manufacturing Industries, by Industrial Groups, 1944-53 — Concluded

Group and year	Capital expenditures			Repair expenditures		
	Construction	Machinery and equipment	Total	Construction	Machinery and equipment	Total
	$'000,000					
Chemical products:						
1944	1.4	1.6	3.0	3.7	8.1	11.8
1945	4.0	3.6	7.6	4.2	7.2	11.4
1946	11.6	8.0	19.6	2.9	10.3	13.2
1947	14.4	19.3	33.7	4.0	12.5	16.5
1948	15.0	26.9	41.9	4.3	15.8	20.1
1949	11.9	30.9	42.8	3.9	17.3	21.2
1950	7.3	19.0	26.3	4.3	19.1	23.4
1951	19.2	38.5	57.7	4.0	24.8	28.8
1952	61.2	79.8	141.0	4.5	26.6	31.1
1953	32.0	90.3	122.3	4.3	26.5	30.8
Miscellaneous industries:						
1944[2]	1.3	81.4[2]	82.7	1.0	1.9	2.9
1945[2]	1.7	110.7[2]	112.4	1.0	1.9	2.9
1946	2.9	43.7	46.6	0.9	1.8	2.7
1947	2.3	59.4	61.7	0.8	1.7	2.5
1948	2.7	65.8	68.5	1.0	2.5	3.5
1949	2.3	4.3	6.6	0.8	2.2	3.0
1950	2.4	3.6	6.0	0.8	2.4	3.2
1951	3.0	4.4	7.4	0.8	3.0	3.8
1952	4.7	4.1	8.8	1.1	3.2	4.3
1953	3.7	5.0	8.7	0.9	3.3	4.2

2. Includes allowance for capital items charged to operating expense of $18,000,000 in 1944 and $23,900,000 in 1945.

TABLE 24. Capital and Repair Expenditures of the Twenty-five Leading Industries, 1948-53

Industry	Capital expenditures			Repair expenditures		
	Construction	Machinery and equipment	Total	Construction	Machinery and equipment	Total
	$'000,000					
1. Pulp and paper:						
1948	25.7	53.6	79.3	6.2	43.6	49.8
1949	24.2	47.6	71.8	7.2	45.8	53.0
1950	17.9	50.7	68.6	7.0	46.5	53.5
1951	35.0	73.9	108.9	8.6	62.6	71.2
1952	29.0	86.6	115.6	7.3	66.5	73.8
1953	18.5	73.4	91.9	6.2	63.5	69.7
2. Non-ferrous metal smelting and refining:						
1948	7.5	9.8	17.3	7.1	18.6	25.7
1949	7.0	7.4	14.4	0.7	15.5	16.2
1950	6.7	9.4	16.1	2.8	19.7	22.5
1951	20.6	19.8	40.4	5.3	24.0	29.3
1952	32.6	29.7	62.3	7.0	26.9	33.9
1953	33.4	33.7	67.1	7.7	29.4	37.1
3. Motor vehicles:						
1948	2.0	4.3	6.3	1.8	5.3	7.1
1949	1.1	4.7	5.8	1.4	5.1	6.5
1950	3.1	7.7	10.8	1.7	6.1	7.8
1951	7.4	10.3	17.7	1.8	6.5	8.3
1952	20.9	11.1	32.0	2.3	7.3	9.6
1953	27.0	27.1	54.1	3.0	9.4	12.4
4. Slaughtering and meat packing:						
1948	2.2	3.8	6.0	3.4	3.7	7.1
1949	1.5	3.9	5.4	1.6	5.4	7.0
1950	2.2	3.2	5.4	1.5	5.5	7.0
1951	2.3	3.5	5.8	2.2	5.3	7.5
1952	3.1	4.7	7.8	2.4	5.8	8.2
1953	2.1	4.8	6.9	2.6	7.7	10.3
5. Petroleum products:						
1948[1]	—	—	—	—	—	—
1949[1]	—	—	—	—	—	—
1950	9.6	14.5	24.1	3.3	7.1	10.4
1951	18.9	30.2	49.1	7.4	5.5	12.9
1952	32.1	28.0	60.1	9.6	6.1	15.7
1953	56.8	9.0	65.8	10.5	7.9	18.4

1. Not available.

TABLE 24. Capital and Repair Expenditures of the Twenty-five Leading Industries, 1948-53 — Continued

Industry	Capital expenditures			Repair expenditures		
	Construction	Machinery and equipment	Total	Construction	Machinery and equipment	Total
			$'000,000			
6. Sawmills:						
1948	5.0	11.6	16.6	4.7	13.3	18.0
1949	4.3	12.2	16.5	3.3	12.9	16.2
1950	5.4	15.3	20.7	3.5	14.0	17.5
1951	6.4	17.4	23.8	5.1	18.0	23.1
1952	5.5	12.9	18.4	3.6	16.1	19.7
1953	4.0	12.5	16.5	5.1	16.0	21.1
7. Primary iron and steel:						
1948	7.3	12.0	19.3	5.1	16.3	21.4
1949	2.4	9.2	11.6	5.4	15.4	20.8
1950	1.7	5.2	6.9	5.9	18.6	23.9
1951	28.9	21.4	50.3	5.5	27.8	33.3
1952	20.5	52.4	72.9	6.3	31.4	37.7
1953	11.9	38.0	49.9	7.2	38.6	45.8
8. Aircraft and parts:						
1948	0.1	0.2	0.3	0.3	0.6	0.9
1949	0.9	0.5	1.4	0.5	1.0	1.5
1950	1.9	0.8	2.7	0.7	0.9	1.6
1951	4.7	1.4	6.1	0.9	1.0	1.9
1952	6.3	2.1	8.4	1.3	1.7	3.0
1953	8.3	3.5	11.8	0.9	3.9	4.8
9. Butter and cheese:						
1948	2.8	8.1	10.9	1.5	4.0	5.5
1949	1.7	7.8	9.5	1.3	4.0	5.3
1950	1.5	7.1	8.6	1.2	4.4	5.6
1951	1.7	6.8	8.5	1.3	4.2	5.5
1952	2.4	7.1	9.5	1.8	4.4	6.2
1953	2.4	8.4	10.8	1.5	4.4	5.9
10. Railway rolling stock:						
1948	2.4	2.3	4.7	1.6	6.2	7.8
1949	1.9	4.0	5.9	1.7	6.7	8.4
1950	1.3	2.8	4.1	1.6	5.3	6.9
1951	2.1	2.4	4.5	1.9	5.1	7.0
1952	5.7	4.0	9.7	8.1	11.3	19.4
1953	3.4	5.9	9.3	4.6	9.1	13.7
11. Motor vehicle parts:						
1948	1.1	2.6	3.7	0.7	3.5	4.2
1949	1.7	3.9	5.6	0.8	4.1	4.9
1950	2.5	5.5	8.0	0.7	4.9	5.6
1951	6.8	10.7	17.5	1.1	5.9	7.0
1952	5.2	5.7	10.9	1.4	6.1	7.5
1953	6.2	11.6	17.8	1.2	7.2	8.4
12. Rubber goods, including footwear:						
1948	1.5	5.7	7.2	0.9	4.6	5.5
1949	1.7	4.6	6.3	0.6	4.4	5.0
1950	0.6	4.1	4.7	0.7	4.6	5.3
1951	2.0	5.9	7.9	0.9	5.5	6.4
1952	2.7	7.3	10.0	0.9	6.0	6.9
1953	4.1	11.1	15.2	1.3	6.0	7.3
13. Miscellaneous food preparations:						
1948	0.7	2.1	2.8	0.4	0.6	1.0
1949	6.0	6.1	12.1	0.6	1.2	1.8
1950	0.6	2.2	2.8	0.4	0.8	1.2
1951	2.8	3.4	6.2	0.7	2.2	2.9
1952	1.9	2.2	4.1	0.4	0.9	1.3
1953	1.0	4.4	5.4	0.6	2.6	3.2
14. Bread and other bakery products:						
1948	2.7	7.2	9.9	1.1	2.7	3.8
1949	1.5	6.2	7.7	1.1	2.9	4.0
1950	2.8	7.9	10.7	1.0	3.5	4.5
1951	2.5	8.4	10.9	1.1	4.1	5.2
1952	3.9	9.6	13.5	1.3	3.7	5.0
1953	2.6	9.2	11.8	1.3	5.1	6.4
15. Clothing, men's factory:						
1948	0.6	2.0	2.6	0.5	0.9	1.4
1949	0.7	1.6	2.3	0.5	0.9	1.4
1950	0.3	1.4	1.7	0.4	0.9	1.3
1951	0.5	1.6	2.1	0.3	1.0	1.3
1952	0.3	1.6	1.9	0.4	0.9	1.3
1953	1.3	1.8	3.1	0.5	0.9	1.4
16. Flour mills:						
1948	1.7	4.3	6.0	0.5	2.2	2.7
1949	2.9	3.7	6.6	0.2	1.4	1.6
1950	0.7	2.3	3.0	0.2	1.5	1.7
1951	0.4	1.5	1.9	0.4	1.5	1.9
1952	0.5	1.7	2.2	0.2	1.6	1.8
1953	0.2	1.0	1.2	0.5	1.6	2.1

TABLE 24. Capital and Repair Expenditures of the Twenty-five Leading Industries, 1948-53 — Concluded

Industry	Capital expenditures			Repair expenditures		
	Construction	Machinery and equipment	Total	Construction	Machinery and equipment	Total
	$'000,000					
17. Miscellaneous electrical apparatus and supplies:						
1948[1]	—	—	—	—	—	—
1949[1]	—	—	—	—	—	—
1950	0.7	3.4	4.1	0.7	4.1	4.8
1951	3.6	4.9	8.5	0.8	4.0	4.8
1952	6.7	5.5	12.2	1.1	5.0	6.1
1953	2.7	6.8	9.5	0.9	5.7	6.6
18. Machinery, heavy electrical:						
1948[1]	—	—	—	—	—	—
1949[1]	—	—	—	—	—	—
1950	1.1	3.8	4.9	0.5	4.0	4.5
1951	3.5	5.0	8.5	0.6	7.0	7.6
1952	10.8	6.9	17.7	1.0	4.2	5.2
1953	8.1	6.1	14.2	1.0	5.5	6.5
19. Printing and publishing:						
1948	4.2	4.8	9.0	0.8	1.9	2.7
1949	2.5	5.7	8.2	0.7	1.7	2.4
1950	2.9	5.7	8.6	0.6	1.7	2.3
1951	3.5	9.3	12.8	0.8	1.9	2.7
1952	2.5	5.5	8.0	0.8	1.9	2.7
1953	2.5	5.9	8.4	1.0	2.1	3.1
20. Furniture:						
1948	1.0	2.6	3.6	0.8	1.5	2.3
1949	0.7	2.1	2.8	0.8	1.7	2.5
1950	0.9	2.1	3.0	0.9	1.6	2.5
1951	1.2	2.4	3.6	0.9	1.8	2.7
1952	0.9	2.4	3.3	0.8	1.8	2.6
1953	2.2	3.8	6.0	1.1	2.0	3.1
21. Machinery, industrial:						
1948	3.1	6.3	9.4	1.4	3.4	4.8
1949	4.0	7.5	11.5	1.6	3.3	4.9
1950	1.3	3.6	4.9	0.8	2.2	3.0
1951	2.7	4.2	6.9	0.9	3.1	4.0
1952	7.0	8.4	15.4	1.1	3.3	4.4
1953	5.0	7.3	12.3	1.1	3.3	4.4
22. Sheet metal products:						
1948	1.2	2.6	3.8	1.0	2.4	3.4
1949	1.5	2.6	4.1	1.0	2.5	3.5
1950	1.5	2.9	4.4	1.2	2.1	3.3
1951	3.5	3.9	7.4	1.0	3.1	4.1
1952	1.6	3.2	4.8	0.9	3.0	3.9
1953	2.2	4.2	6.4	0.8	3.1	3.9
23. Clothing, women's factory:						
1948	0.6	1.7	2.3	0.3	0.9	1.2
1949	0.7	1.8	2.5	0.2	0.8	1.0
1950	0.1	1.1	1.2	0.1	0.6	0.7
1951	0.7	0.9	1.6	0.1	0.6	0.7
1952	0.5	1.2	1.7	0.1	0.6	0.7
1953	—	1.3	1.3	0.1	0.5	0.6
24. Cotton yarn and cloth:						
1948	1.9	8.9	10.8	1.4	4.5	5.9
1949	1.8	7.1	8.9	1.7	4.2	5.9
1950	2.0	8.1	10.1	1.5	4.9	6.4
1951	2.9	9.1	12.0	1.6	5.4	7.0
1952	1.9	6.6	8.5	1.7	5.6	7.3
1953	0.9	3.3	4.2	1.2	5.6	6.8
25. Fruit and vegetable preparations:						
1948	1.6	3.8	5.4	0.8	3.0	3.8
1949	0.8	2.2	3.0	0.5	2.3	2.8
1950	0.9	1.6	2.5	0.6	2.3	2.9
1951	1.4	2.9	4.3	0.9	3.2	4.1
1952	1.0	2.8	3.8	1.0	3.2	4.2
1953	0.6	2.7	3.3	0.8	3.4	4.2

1. Not available.

Subsection 2. Inventory Holdings

As explained in the section on Capital Employed, the collection of statistics on capital investment by manufacturers was discontinued in 1944. This was replaced by the collection annually of expenditure statistics on fixed capital, repairs and maintenance from all large manufacturers, with estimates being made for the smaller establishments. As a result of this change no information was available on investment in inventory. Before long, however, the need for this information became apparent. Consequently, beginning with 1949, calendar year-end inventory values have been collected from all manufacturing plants with an annual gross value of production of $50,000 or over. These values are inflated to a total by estimating for small firms in each industry on the basis of the gross value-inventory ratio or reporting firms.

Total inventory held by manufacturers (including inventory held but not owned) in 1953 totalled $4,053,000,000. Of this amount $1,865,000,000 was in raw materials, $1,130,000,000 in goods in process and $1,058,000,000 in finished products. Inventory held, but not owned, included in the total, amounted to $521,000,000.

According to table 25 below which gives detailed statistics by industrial groups, foods, beverages and tobacco with $692,000,000 had the highest total inventory investment of any group. Iron and steel products with $526,000,000 came second, followed by transportation equipment with $305,000,000, paper products $279,000,000, chemicals and allied products $221,000,000, etc.

In 1953, of the total inventory holdings 46.0 p.c. were in raw materials, 27.9 p.c. in goods in process and 26.1 p.c. finished products. The corresponding percentages in 1949 were: 53.4, 15.8 and 30.8. Percentagewise there was thus a drop in the amount of raw materials and finished products, with a corresponding increase in the amount in goods in process.

For the years 1949-53, there is a small incomparability due to the treatment of inventory held on a progress payments basis, i.e. cases where manufacturers operate on long term contracts, for which payments are made as work progresses. In such cases, actual ownership of inventory is less than total holdings. While not a very large item under normal circumstances, this component of inventory increased rapidly during the period under review, due to the impact of the defence program. It falls almost entirely in 9 heavy industries, where long-term contracts are common e.g. shipbuilding, aircraft, the machinery industries, electrical apparatus industries, bridge and structural steel. For the year 1949, such inventory was not collected as a separate item, but it is estimated that total value of progress payments inventory was in the neighbourhood of $75 million for that year. For 1950, firms were asked to report progress payments inventory as a separate item not included in the total. For 1951 to 1953, total inventory values reported included progress payments holdings, but the latter were also given as a separate item. It is somewhat difficult to make these data comparable, except in total, since the component to which the progress payments holdings should be applied is not known. In general, it is goods-in-process inventory, but in some cases it may be raw materials.

In order to make the 1950 to 1953 data comparable in the table shown below, one third of the reported 1950 progress payments holdings have been added to raw materials and two thirds to goods in progress inventory.

The inventory values shown below include only holdings in connection with manufacturing operations. Inventories of goods purchased for re-sale, and inventories held at Sales Branches, Wholesale Outlets and Retail Stores, (i.e. held in the manufacturers' capacity as a trader) have been eliminated as far as possible.

During the five-year period for which data are shown below, value of both total inventory investment and total inventory holdings rose steadily. A substantial portion of this value increase was due to increases in wages and in prices of raw materials, but to some extent the increase reflected increased volume of inventory due to an enlargement of the scale of operations. Ratios of year-end inventory investment to the annual gross value of production increased slowly but steadily during the period, reflecting the fact that larger percentage increases were occurring in inventories than in gross values. Assuming that $75 million of 1949's total holdings represented progress payments inventory, the 1949 ratio was .18 and in 1953 it was almost .20.

TABLE 25. Estimated Total Inventory Holdings of Manufacturers, by Industrial Groups, 1953, with Totals for 1949-53

(Million dollars)

Year and industrial group	Total inventory investment	Progress payments holdings	Total inventory held	Raw materials	Goods in process	Finished products
1949	N.A.	N.A.	2,333	1,245	369	719
1950	2,638	145	2,783	1,448	617	718
1951	3,390	201	3,591	1,781	811	999
1952[1]	3,356	410	3,766	1,842	966	958
1953[1]	3,532	521	4,053	1,865	1,130	1,058
Industrial Group, 1953						
Foods, beverages and tobacco	692	—	692	345	112	235
Rubber products	63	—	63	16	6	41
Leather products	52	—	52	23	12	17
Textile products (except clothing)	196	—	196	77	47	72
Clothing (textile and fur)	187	—	187	101	27	59
Wood products	251	—	251	143	27	81
Paper products	279	—	279	239	8	32
Printing, publishing and allied trades	42	—	42	25	10	7
Iron and steel products	526	153	679	262	282	135
Transportation equipment	305	301	606	171	375	60
Non-ferrous metal products	206	—	206	122	38	46
Electrical apparatus and supplies	215	65	280	80	124	76
Non-metallic mineral products	64	—	64	39	4	21
Products of petroleum and coal	174	—	174	64	15	95
Chemicals and allied products	221	—	221	125	31	65
Miscellaneous industries	59	2	61	33	12	16

1. Revised

Subsection 3. Employment in Manufacturing Industries

Monthly Record of Employment. Ordinarily, manufacturing employment in Canada reaches its highest point during the summer months. Some of the seasonal industries, such as canning, are most active then, textile industries are preparing winter goods, and industry generally feels the active demand of the agricultural purchasing power resulting from the prospect of the season's harvest.

After the setback of 1929, employment in 1930, 1931, 1932 and the first half of 1933 declined steadily, the monthly employment figures in each case being lower than the corresponding month of the previous year. The peak of employment in June, 1929, when 575,693 production workers were on the payrolls, was surpassed in September, 1937, with 582,305 production workers. After the outbreak of war the improvement in employment became increasingly rapid. A record high was reached in August, 1943, when 1,067,890 production workers were employed, an increase of 96.4 p.c. over the same month in 1939. The highest employment during 1944 occurred in June when 1,049,557 production workers were employed. From then on employment declined steadily to the end of 1945 when 819,619 production workers were reported. At the end of 1951 there were 953,952 production workers employed, compared with an employment of 961,820 production workers in December, 1944, and 1,021,630 in December, 1943.

During the first half of 1952 the number of production workers increased each month, but not to the extent of the employment in the same month of the previous year. From the middle of the year monthly employment figures exceeded those of the previous year. This trend continued to October 1953. The trend for the next two months was downward so that by the end of 1953 there were only 990,611 production workers as compared with 1,018,764 at the end of December 1952.

TABLE 26. Production Workers Employed in the Manufacturing Industries, by Months and Sex, Significant Years, 1922-53

Month	1922	1929	1933	1939	1943	1949	1952	1953
	All wage-earners							
January	324,257	502,644	340,027	490,337	1,023,261	928,077	967,292	1,018,989
February	336,729	519,423	347,777	496,160	1,030,878	932,356	980,127	1,031,109
March	349,110	536,866	355,888	503,475	1,036,648	937,714	991,361	1,043,881
April	360,248	555,711	358,759	509,739	1,033,748	944,307	996,207	1,051,578
May	382,504	574,905	377,659	530,864	983,058	961,137	1,021,676	1,070,579
June	393,935	575,693	392,196	531,245	1,058,645	973,324	1,036,020	1,084,138
July	391,186	573,554	393,464	529,575	1,056,975	964,813	1,045,599	1,086,881
August	389,511	567,022	402,249	543,605	1,067,890	975,114	1,068,927	1,091,103
September	392,423	564,796	410,954	562,355	1,066,595	970,324	1,073,349	1,085,308
October	385,262	553,338	405,757	568,564	1,053,486	951,017	1,057,141	1,052,831
November	378,992	527,213	396,384	563,117	1,049,738	934,576	1,045,315	1,025,023
December	367,724	499,893	380,612	544,817	1,021,630	906,851	1,018,764	990,611
	Male							
January	243,682	397,459	257,445	381,997	751,269	716,005	768,541	803,665
February	253,178	410,865	260,728	385,955	755,181	719,374	776,512	811,579
March	263,849	426,713	267,259	391,623	757,702	725,953	786,795	821,464
April	274,821	443,560	271,348	398,982	755,888	732,906	792,694	830,012
May	294,095	459,783	285,705	416,963	764,158	747,614	815,373	846,684
June	304,395	460,294	296,937	417,975	776,003	757,575	825,509	858,300
July	304,020	459,051	300,329	417,987	779,687	750,579	830,688	860,303
August	301,234	449,721	302,969	421,895	777,733	747,518	839,103	853,998
September	298,918	441,510	304,908	431,509	767,043	739,768	836,483	843,701
October	291,973	432,576	301,315	437,220	754,484	725,853	825,971	821,092
November	286,511	412,114	294,945	432,920	753,211	715,188	818,024	801,482
December	277,854	391,903	285,690	422,538	738,073	700,141	804,069	783,235
	Female							
January	80,575	105,185	82,582	108,340	271,992	212,072	198,751	215,324
February	83,551	108,558	87,049	110,205	275,697	212,982	203,615	219,530
March	85,261	110,153	88,629	111,852	278,946	211,761	204,566	222,417
April	85,427	112,142	87,411	110,757	277,860	211,401	203,513	221,566
May	88,409	115,122	91,954	113,901	218,900	213,523	206,303	223,895
June	89,540	115,399	95,259	113,270	282,642	215,749	210,511	225,838
July	87,166	114,503	93,135	111,588	277,288	214,234	214,911	226,578
August	88,277	117,301	99,280	121,710	290,157	227,596	229,824	237,105
September	93,505	123,286	106,046	130,846	299,552	230,556	236,866	241,607
October	93,289	120,762	104,442	131,344	209,002	225,164	231,170	231,739
November	92,481	115,099	101,439	130,197	296,527	219,388	227,291	223,541
December	89,870	107,990	94,922	122,279	283,557	206,710	214,695	207,376

TABLE 27. Production Workers Employed in the Manufacturing Industries, by Months, Sex and Provinces, 1952 and 1953

Province and month	1952			1953		
	Male	Female	Total	Male	Female	Total
	Number					
Newfoundland:						
January	6,093	838	6,931	6,578	762	7,340
February	6,273	868	7,141	6,321	795	7,116
March	6,548	884	7,432	6,638	805	7,443
April	6,977	905	7,882	7,298	798	8,096
May	7,379	960	8,339	7,813	791	8,604
June	7,607	1,094	8,701	7,912	862	8,774
July	7,718	1,235	8,953	7,948	943	8,891
August	7,529	1,233	8,762	8,071	932	9,003
September	7,464	1,197	8,661	8,043	892	8,935
October	7,023	1,149	8,172	7,593	880	8,473
November	6,717	982	7,699	7,276	871	8,147
December	6,352	830	7,182	6,840	705	7,545
Prince Edward Island:						
January	649	184	833	748	197	945
February	671	135	806	742	160	902
March	678	151	829	794	139	933
April	846	120	966	996	144	1,140
May	1,277	705	1,982	1,351	743	2,094
June	1,283	672	1,955	1,219	607	1,826
July	1,201	767	1,968	1,157	698	1,855
August	1,202	628	1,830	1,203	647	1,850
September	1,114	511	1,625	1,039	447	1,486
October	986	349	1,335	964	347	1,311
November	890	295	1,185	871	305	1,176
December	817	216	1,033	678	207	885
Nova Scotia:						
January	22,199	3,164	25,363	23,043	3,330	26,373
February	22,540	3,233	25,773	22,744	3,184	25,928
March	23,176	3,227	26,403	23,223	3,084	26,307
April	24,777	3,454	28,231	23,741	3,380	27,121
May	26,248	4,125	30,373	24,889	3,959	28,848
June	26,826	4,169	30,995	25,606	3,922	29,528
July	26,876	4,107	30,983	25,339	3,833	29,172
August	26,391	4,154	30,545	24,445	3,910	28,355
September	25,702	4,021	29,723	23,754	3,603	27,357
October	25,175	4,106	29,281	22,897	3,585	26,482
November	24,205	3,804	28,009	21,871	3,486	25,357
December	23,282	3,380	26,662	20,977	2,949	23,926
New Brunswick:						
January	15,566	3,072	18,638	16,142	2,482	18,624
February	15,800	3,029	18,829	16,296	2,426	18,722
March	16,138	3,135	19,273	16,865	2,578	19,443
April	16,460	2,969	19,429	17,424	2,697	20,121
May	17,910	3,625	21,535	18,890	3,868	22,758
June	18,804	3,990	22,794	19,572	4,098	23,670
July	18,513	3,788	22,301	19,185	4,077	23,262
August	18,808	4,260	23,068	18,964	4,593	23,557
September	17,938	4,055	21,993	18,156	4,147	22,303
October	17,419	3,599	21,018	16,999	3,516	20,515
November	16,294	3,262	19,556	15,875	2,829	18,704
December	15,462	2,773	18,235	15,008	2,292	17,300
Quebec:						
January	241,159	88,270	329,429	250,947	93,929	344,876
February	242,721	90,829	333,550	253,867	96,117	349,984
March	245,130	91,612	336,742	257,211	97,537	354,748
April	246,359	89,934	336,293	262,642	96,828	359,470
May	253,931	89,658	343,589	268,505	95,623	364,128
June	257,378	88,457	345,835	269,588	93,082	362,670
July	262,101	91,544	353,645	269,889	92,838	362,727
August	262,893	96,073	358,966	267,977	96,871	364,848
September	262,694	99,403	362,097	264,053	98,365	362,418
October	259,186	98,498	357,684	258,113	95,578	353,691
November	256,957	97,588	354,545	251,643	93,385	345,028
December	252,149	93,128	345,277	243,132	87,851	330,983
Ontario:						
January	365,547	85,262	450,809	386,155	95,302	481,457
February	369,255	86,887	456,142	390,089	97,201	487,290
March	372,873	86,592	459,465	393,221	98,458	491,679
April	377,731	86,709	464,440	397,415	97,687	495,102
May	385,985	87,257	473,242	402,562	98,697	501,259
June	391,513	90,429	481,942	407,593	100,849	508,442
July	393,195	90,238	483,433	407,416	99,655	507,071
August	394,309	99,426	493,735	403,154	105,387	508,541
September	395,942	104,540	500,482	400,802	109,589	510,391
October	390,942	101,027	491,969	391,269	105,431	496,700
November	388,734	100,521	489,255	383,022	102,168	485,190
December	385,041	95,463	480,504	378,308	95,055	473,363

TABLE 27. Production Workers Employed in the Manufacturing Industries, by Months, Sex and Provinces, 1952 and 1953 — Concluded

Province and month	1952			1953		
	Male	Female	Total	Male	Female	Total
	Number					
Manitoba:						
January	26,147	7,314	33,461	27,101	8,097	35,198
February	26,187	7,461	33,648	27,170	8,189	35,359
March	26,731	7,663	34,394	27,229	8,154	35,383
April	26,855	7,686	34,541	27,055	8,119	35,174
May	27,356	7,862	35,218	27,456	7,915	35,371
June	27,670	8,033	35,703	28,052	8,273	36,325
July	28,032	8,185	36,217	28,496	8,352	36,848
August	27,901	8,357	36,258	28,406	8,385	36,791
September	28,096	8,407	36,503	28,138	8,431	36,569
October	28,121	8,446	36,567	27,026	8,052	35,078
November	28,050	8,226	36,276	26,756	7,590	34,346
December	27,411	7,597	35,008	26,518	7,257	33,775
Saskatchewan:						
January	6,776	892	7,668	7,184	907	8,091
February	6,926	909	7,835	7,411	913	8,324
March	7,019	916	7,935	7,534	911	8,445
April	6,933	979	7,912	7,415	973	8,388
May	7,119	1,063	8,182	7,320	1,015	8,335
June	7,297	1,118	8,415	7,537	1,059	8,596
July	7,466	1,092	8,558	7,751	1,080	8,831
August	7,423	1,096	8,519	7,633	1,050	8,683
September	7,152	1,057	8,209	7,382	1,015	8,397
October	7,279	1,031	8,310	7,395	1,006	8,401
November	7,320	1,034	8,354	7,412	986	8,398
December	7,125	990	8,115	7,266	951	8,217
Alberta:						
January	21,674	2,899	24,573	23,605	3,327	26,932
February	22,216	3,056	25,272	23,555	3,372	26,927
March	22,246	3,046	25,292	23,520	3,411	26,931
April	19,286	3,072	22,358	20,338	3,357	23,695
May	19,857	3,318	23,175	20,410	3,427	23,837
June	20,790	3,475	24,265	21,259	3,583	24,842
July	21,450	3,761	25,211	21,795	3,784	25,579
August	21,350	3,836	25,186	21,866	3,574	25,440
September	20,945	3,645	24,590	21,879	3,927	25,806
October	21,319	3,595	24,914	21,863	3,522	25,385
November	22,755	3,509	26,264	22,845	3,494	26,339
December	23,264	3,374	26,638	23,625	2,997	26,622
British Columbia:						
January	62,670	6,852	69,522	62,101	6,984	69,085
February	63,843	7,198	71,041	63,301	7,160	70,461
March	66,170	7,328	73,498	65,135	7,325	72,460
April	66,381	7,672	74,053	65,592	7,566	73,158
May	68,194	7,716	75,910	67,358	7,840	75,198
June	66,191	9,060	75,251	69,805	9,486	79,291
July	63,974	10,179	74,153	71,159	11,298	82,457
August	71,150	10,743	81,893	72,124	11,736	83,860
September	69,282	10,016	79,298	70,335	11,174	81,509
October	68,407	9,358	77,765	66,880	9,807	76,687
November	66,016	8,059	74,075	63,841	8,411	72,252
December	63,098	6,939	70,037	60,825	7,098	67,923
Yukon and Northwest Territories:						
January	61	4	65	61	7	68
February	80	10	90	83	13	96
March	86	12	98	94	15	109
April	89	13	102	96	17	113
May	117	14	131	130	17	147
June	150	14	164	157	17	174
July	162	15	177	168	20	188
August	147	18	165	155	20	175
September	154	14	168	120	17	137
October	114	12	126	93	15	108
November	86	11	97	70	16	86
December	68	5	73	58	14	72

TABLE 28. Production Workers Employed in the Manufacturing Industries, by Months, Sex and Industrial Groups, 1952 and 1953

Group and month	1952			1953		
	Male	Female	Total	Male	Female	Total
	Number					
Foods and beverages:						
January	94,755	28,607	123,362	95,000	28,690	123,690
February	93,756	28,773	122,529	94,239	28,804	123,043
March	94,580	28,769	123,349	95,404	29,142	124,546
April	98,032	29,733	127,765	99,408	30,145	129,553
May	104,752	33,136	137,888	104,880	34,448	139,328
June	110,602	37,299	147,901	111,017	38,478	149,495
July	115,617	40,456	156,073	116,866	41,738	158,604
August	115,994	47,928	163,922	116,854	48,108	164,962
September	114,944	48,880	163,824	114,809	48,937	163,746
October	109,230	40,349	149,579	109,170	41,188	150,358
November	104,815	35,460	140,275	104,891	36,726	141,617
December	98,814	30,236	129,050	99,309	29,978	129,287
Tobacco and tobacco products:						
January	4,080	5,415	9,495	3,758	5,440	9,198
February	3,943	5,162	9,105	3,699	5,459	9,158
March	3,075	4,568	7,643	3,393	5,562	8,955
April	2,677	4,039	6,716	2,696	4,433	7,129
May	2,674	4,437	7,111	2,696	4,613	7,309
June	2,747	4,716	7,463	2,710	4,605	7,315
July	2,777	4,728	7,505	2,705	4,596	7,301
August	2,740	4,659	7,399	2,809	4,769	7,578
September	2,805	4,351	7,156	3,034	5,053	8,087
October	2,728	4,335	7,063	2,832	4,819	7,651
November	3,287	5,190	8,477	3,254	5,603	8,857
December	3,776	5,432	9,208	3,993	5,953	9,946
Rubber products:						
January	12,282	3,615	15,897	12,972	4,104	17,076
February	12,356	3,683	16,039	13,117	4,265	17,382
March	12,419	3,644	16,063	13,124	4,211	17,335
April	12,496	3,679	16,175	13,009	4,087	17,096
May	12,563	3,665	16,228	12,993	4,064	17,057
June	11,455	3,576	15,031	13,096	4,090	17,186
July	11,650	3,774	15,424	13,098	4,214	17,312
August	11,797	4,131	15,928	13,317	4,329	17,646
September	11,924	4,247	16,171	13,254	4,384	17,638
October	13,282	4,511	17,793	12,779	4,083	16,862
November	13,073	4,219	17,292	12,382	3,738	16,120
December	12,957	4,051	17,008	12,153	3,524	15,677
Leather products:						
January	14,840	10,922	25,762	16,421	12,664	29,085
February	15,352	11,454	26,806	16,845	13,058	29,903
March	15,557	11,758	27,315	16,833	13,309	30,142
April	15,435	11,654	27,089	16,719	13,194	29,913
May	15,440	11,577	27,017	16,465	12,885	29,350
June	15,585	11,525	27,110	16,253	12,608	28,861
July	15,766	11,810	27,576	16,158	12,450	28,608
August	16,223	12,386	28,609	16,205	12,628	28,833
September	16,455	12,636	29,091	16,021	12,503	28,524
October	16,483	12,590	29,073	15,681	11,993	27,674
November	16,703	12,744	29,447	15,725	12,102	27,827
December	16,294	12,334	28,628	15,415	11,626	27,041
Textile products (except clothing):						
January	39,602	22,725	62,327	41,026	23,957	64,983
February	39,830	22,830	62,660	41,482	23,861	65,343
March	38,975	22,805	61,780	41,566	23,948	65,514
April	35,579	20,561	56,140	41,026	23,681	64,707
May	35,514	20,369	55,883	39,938	23,289	63,227
June	35,213	20,399	55,612	38,479	22,531	61,010
July	38,369	22,275	60,644	38,296	22,200	60,496
August	38,814	22,883	61,697	38,260	22,456	60,716
September	39,897	23,740	63,637	38,043	22,613	60,656
October	40,374	24,032	64,406	37,306	22,278	59,584
November	40,519	24,472	64,991	36,058	21,448	57,506
December	40,483	23,956	64,439	34,171	19,965	54,136
Clothing:						
January	22,898	52,798	75,696	24,545	59,161	83,706
February	23,968	55,806	79,774	25,136	61,213	86,349
March	24,389	57,399	81,788	25,226	61,642	86,868
April	24,175	57,946	82,121	24,734	60,892	85,626
May	23,696	57,185	80,881	23,896	59,207	83,103
June	23,716	55,885	79,601	23,892	57,525	81,417
July	24,177	54,813	78,990	24,497	55,971	80,468
August	24,704	57,949	82,653	24,717	57,975	82,692
September	24,992	60,225	85,217	24,586	60,053	84,639
October	24,903	60,728	85,631	23,852	58,698	82,550
November	24,288	59,800	84,088	22,997	56,630	79,627
December	23,802	56,313	80,115	22,293	52,899	75,192

TABLE 28. Production Workers Employed in the Manufacturing Industries, by Months, Sex and Industrial Groups, 1952 and 1953 — Continued

Group and month	1952			1953		
	Male	Female	Total	Male	Female	Total
	Number					
Knitting mills:						
January	7,101	13,108	20,209	7,381	14,270	21,651
February	7,168	13,319	20,487	7,441	14,627	22,068
March	6,866	13,102	19,968	7,488	14,896	22,384
April	6,841	13,005	19,846	7,518	14,854	22,372
May	6,709	12,608	19,317	7,260	14,351	21,611
June	6,696	12,539	19,235	7,240	14,094	21,334
July	6,635	12,440	19,075	7,149	13,782	20,931
August	7,009	13,306	20,315	7,296	14,187	21,483
September	7,216	13,960	21,176	7,239	14,258	21,497
October	7,374	14,439	21,813	7,202	14,318	21,520
November	7,420	14,651	22,071	7,078	13,877	20,955
December	7,190	13,899	21,089	6,808	13,163	19,971
Wood products:						
January	90,187	4,779	94,966	94,867	5,370	100,237
February	93,480	4,945	98,425	97,940	5,502	103,442
March	98,937	5,037	103,974	102,102	5,579	107,681
April	99,665	4,944	104,609	105,393	5,545	110,938
May	109,324	5,234	114,558	114,160	5,710	119,870
June	109,857	5,401	115,258	118,083	5,725	123,808
July	105,145	5,316	110,461	114,675	5,668	120,343
August	110,355	5,416	115,771	111,343	5,721	117,064
September	106,546	5,483	112,029	105,614	5,607	111,221
October	102,326	5,400	107,726	98,276	5,458	103,734
November	96,730	5,346	102,076	91,562	5,239	96,801
December	93,347	5,165	98,512	88,556	5,040	93,596
Paper products:						
January	59,569	8,140	67,709	58,278	7,820	66,098
February	59,587	8,144	67,731	58,243	7,986	66,229
March	59,020	7,912	66,932	58,590	8,087	66,677
April	59,325	7,836	67,161	59,334	8,122	67,456
May	60,309	7,791	68,100	61,506	8,191	69,697
June	61,783	7,793	69,576	63,511	8,369	71,880
July	62,206	7,923	70,129	64,363	8,319	72,682
August	62,078	8,106	70,184	64,690	8,474	73,164
September	61,571	8,293	69,864	63,982	8,586	72,568
October	60,505	8,492	68,997	62,628	8,633	71,261
November	58,880	8,457	67,337	61,527	8,526	70,053
December	58,110	8,201	66,311	60,901	8,317	69,218
Printing, publishing and allied industries:						
January	31,367	8,742	40,109	31,264	8,651	39,915
February	31,084	8,518	39,602	31,394	8,393	39,787
March	31,077	8,197	39,274	31,540	8,410	39,950
April	31,238	8,318	39,556	31,661	8,478	40,139
May	31,244	8,332	39,576	31,778	8,446	40,224
June	31,495	8,521	40,016	32,015	8,666	40,681
July	31,455	8,707	40,162	32,249	8,790	41,039
August	31,141	8,465	39,606	32,054	8,665	40,719
September	31,293	8,722	40,015	32,232	8,866	41,098
October	31,346	8,922	40,268	32,418	9,159	41,577
November	31,499	8,912	40,411	32,580	9,190	41,770
December	31,382	8,501	39,883	32,363	8,877	41,240
Iron and steel products:						
January	142,009	6,817	148,826	143,505	7,342	150,847
February	143,460	6,777	150,237	143,645	7,400	151,045
March	143,978	6,794	150,772	143,290	7,440	150,730
April	143,904	6,861	150,765	142,986	7,484	150,470
May	145,080	6,924	152,004	142,600	7,615	150,215
June	145,420	6,963	152,383	144,371	7,656	152,027
July	145,838	7,025	152,863	143,860	7,534	151,394
August	145,476	7,170	152,646	142,629	7,619	150,248
September	145,623	7,337	152,960	142,273	7,462	149,735
October	145,323	7,392	152,715	139,538	7,488	147,026
November	146,293	7,485	153,778	137,147	7,399	144,546
December	145,150	7,343	152,493	132,972	7,176	140,148
Transportation equipment:						
January	107,385	3,783	111,168	124,659	4,068	128,727
February	110,307	4,019	114,326	127,671	4,269	131,940
March	114,150	4,238	118,388	130,850	4,425	135,275
April	118,134	4,399	122,533	130,926	4,533	135,459
May	119,823	4,289	124,112	130,894	4,547	135,441
June	120,678	4,424	125,102	128,001	4,490	132,491
July	118,626	4,093	122,719	126,551	4,462	131,013
August	118,868	4,247	123,115	123,225	4,061	127,286
September	119,229	4,304	123,533	121,832	4,016	125,848
October	118,499	4,266	122,765	119,767	3,861	123,628
November	121,562	4,387	125,949	117,877	3,952	121,829
December	121,618	4,503	126,121	119,175	3,971	123,146

TABLE 28. Production Workers Employed in the Manufacturing Industries, by Months, Sex and Industrial Groups, 1952 and 1953 — Concluded

Group and month	1952			1953		
	Male	Female	Total	Male	Female	Total
	Number					
Non-ferrous metal products:						
January	36,472	2,944	39,416	37,916	3,179	41,095
February	36,408	3,039	39,447	38,056	3,254	41,310
March	36,607	3,031	39,638	38,100	3,306	41,406
April	36,434	3,017	39,451	38,224	3,297	41,521
May	36,991	3,032	40,023	38,479	3,257	41,736
June	37,053	3,095	40,148	38,769	3,175	41,944
July	37,690	3,201	40,891	38,749	3,223	41,972
August	38,146	3,423	41,569	38,819	3,338	42,157
September	38,527	3,564	42,091	38,871	3,438	42,309
October	38,494	3,725	42,219	38,580	3,474	42,054
November	38,361	3,719	42,080	38,274	3,406	41,680
December	38,163	3,518	41,681	37,560	3,181	40,741
Electrical apparatus and supplies:						
January	34,926	11,385	46,311	37,849	14,431	52,280
February	34,992	11,693	46,685	38,285	14,865	53,150
March	35,377	11,684	47,061	38,397	15,212	53,609
April	35,193	11,663	46,856	38,901	15,407	54,308
May	35,897	11,763	47,660	39,118	15,582	54,700
June	36,823	12,265	49,088	39,251	15,911	55,162
July	37,473	12,304	49,777	38,821	15,867	54,688
August	37,873	13,185	51,058	38,914	16,523	55,437
September	38,171	13,825	51,996	39,424	17,140	56,564
October	38,610	14,256	52,866	39,055	17,501	56,556
November	38,753	14,708	53,461	38,954	17,361	56,315
December	38,293	14,605	52,898	38,472	16,394	54,866
Non-metallic mineral products:						
January	22,032	1,816	23,848	23,464	1,991	25,455
February	21,831	1,869	23,700	23,559	2,013	25,572
March	22,305	1,900	24,205	24,162	2,084	26,246
April	23,379	1,921	25,300	25,160	2,156	27,316
May	24,511	1,976	26,487	26,527	2,228	28,755
June	25,277	2,003	27,280	27,452	2,344	29,796
July	25,702	2,014	27,716	27,831	2,342	30,173
August	25,933	1,975	27,908	28,012	2,376	30,388
September	25,522	2,019	27,541	27,402	2,298	29,700
October	25,097	2,015	27,112	27,045	2,240	29,285
November	24,440	1,990	26,430	26,582	2,162	28,744
December	23,826	1,954	25,780	25,535	2,058	27,593
Products of petroleum and coal:						
January	10,698	75	10,773	11,097	66	11,163
February	10,698	77	10,775	11,053	69	11,122
March	10,943	82	11,025	11,090	74	11,164
April	11,008	83	11,091	11,316	77	11,393
May	11,259	85	11,344	11,626	68	11,694
June	11,440	91	11,531	11,764	65	11,829
July	11,564	90	11,654	11,792	69	11,861
August	11,680	94	11,774	11,750	72	11,822
September	11,496	91	11,587	11,538	71	11,609
October	11,292	83	11,375	11,335	65	11,400
November	11,231	83	11,314	11,240	61	11,301
December	11,104	79	11,183	11,117	63	11,180
Chemicals and allied products:						
January	25,108	5,322	30,430	25,443	5,459	30,902
February	24,979	5,423	30,402	25,402	5,645	31,047
March	25,085	5,474	30,559	25,662	5,840	31,502
April	25,510	5,597	31,107	26,032	5,781	31,813
May	25,805	5,660	31,465	26,706	5,840	32,546
June	25,664	5,720	31,384	27,059	5,911	32,970
July	25,837	5,595	31,432	27,304	5,910	33,214
August	25,874	5,693	31,567	27,490	6,060	33,550
September	25,775	5,811	31,586	27,696	6,278	33,974
October	25,511	5,845	31,356	27,692	6,235	33,927
November	25,593	5,867	31,460	27,646	6,212	33,858
December	25,421	5,604	31,025	27,230	6,058	33,288
Miscellaneous industries:						
January	13,230	7,758	20,988	14,220	8,661	22,881
February	13,313	8,084	21,397	14,372	8,847	23,219
March	13,455	8,172	21,627	14,647	9,250	23,897
April	13,669	8,257	21,926	14,969	9,400	24,369
May	13,782	8,240	22,022	15,162	9,554	24,716
June	14,005	8,296	22,301	15,337	9,595	24,932
July	14,161	8,347	22,508	15,339	9,443	24,782
August	14,398	8,808	23,206	15,614	9,744	25,358
September	14,497	9,378	23,875	15,851	10,044	25,895
October	14,594	9,790	24,384	15,936	10,248	26,184
November	14,577	9,801	24,378	15,708	9,909	25,617
December	14,339	9,001	23,340	15,212	9,133	24,345

Subsection 4. Hours Worked in Manufacturing Industries

Hours Worked by Production Workers. From 1932, the first year for which figures on hours worked per week by production workers are available, to 1945, each firm was required to report the number of hours worked by all its production workers during the month in which the greatest number had been employed, the only exception being the years 1938 and 1939 when one week in a month of normal employment was reported. in 1938 the number of hours worked per week were compiled by sex, and a change was also made in the analysis of the weekly hours worked. Since 1940 the hours worked per week include overtime while prior to that overtime was excluded. These changes make it impossible to measure accurately the changes in the number of hours worked per week. In any case, the figures in Table 29 do not refer to any particular month, since the month of highest employment might be May for one firm and October for another; they represent the summation of the different months of highest employment as reported by all firms. For a given industry, however, the month of highest employment is more significant as in this case it coincides for a great number of firms engaged in the same industry.

For all production workers, the hours worked per week declined from 48.9 in 1932 to 47.2 in 1939, and reached 50.6 in 1941, some of the increase no doubt being due to the inclusion of overtime. Since then there was a counter movement in the hours worked, especially among females, due to the employment of many workers on a part-time basis. Whereas in 1939 there were only 2.8 p.c. of male and 5.3 p.c. of female production workers working under 30 hours per week, in 1944 these percentages rose to 5.3 and 12.5 respectively. Since the end of the war the normal working week has been dropping steadily. In 1945 average hours per week for male production workers totalled 47.6 and for females 42.7.

The method of collecting statistics on hours worked was changed in 1946. Instead of collecting this information for one week in the month of highest employment which varied from plant to plant, the last week of November was chosen for the base period. For 1948 and subsequent years the period was changed to the last week in October. The question on hours worked was taken out of the annual schedules used in connection with the census of manufactures and this information is now collected by the Employment Statistics Section. Establishments employing 15 hands or over only are covered. The statistics for 1946 to 1953 are, therefore, not exactly comparable with those for earlier years which include all establishments, both large and small.

On the above basis, the hours worked per week declined for all workers engaged in manufacturing. The hours of male production workers dropped from 44.9 in 1946 to 42.6 in 1953, female production workers from 40.0 to 38.5, male office employees from 42.0 to 39.5 and female office employees from 39.5 to 37.9

Persons employed in 1950 and 1953 were classified on the basis of earnings per week instead of hours worked. For this reason the distribution of employees by hours worked per week is not available for these years. It is the intention in future to classify employees one year on the basis of hours worked, the second year on the basis of weekly earnings, while in the third year no break-down of either the hours worked or weekly earnings will be collected. Instead a more detailed break-down of salaried employees into (a) managerial and professional and (b) office workers will be requested.

Supervisory and office employees as a rule work shorter hours than production workers as the following figures for 1953 indicate.

	Production Workers	Supervisory and Office Employees
Both sexes	41.7	39.0
Male	42.6	39.5
Female	38.5	37.9

TABLE 29. Production Workers in Manufacturing, Working Specified Numbers of Hours per Week in the Month of Highest Employment, 1938-45 [1]

Note. Hours worked per week in 1932-37 are given at p. 396 of the 1942 edition of the Canada Year Book; in 1940 at p. 386 of the 1943-44 edition.

Hours Worked per Week	1938	1939	1942	1943	1944	1945
	p.c.					
All Production Workers:						
30 or less	4.1	3.4	4.3	6.2	7.4	7.4
31-43	16.9	14.6	8.6	10.7	12.7	16.2
44	14.3	13.8	7.7	7.4	9.5	12.1
45-47	11.3	10.9	7.0	8.3	9.1	10.8
48	20.7	22.2	21.4	20.5	20.6	21.4
49-50	10.6	11.2	9.2	9.6	9.8	9.8
51-54	6.7	7.9	12.9	12.5	10.8	8.4
55	3.5	4.1	5.6	5.2	4.4	3.2
56-64	10.4	10.4	16.9	14.6	11.8	7.6
65 or over	1.5	1.5	6.4	5.0	3.9	3.1
	100.0	100.0	100.0	100.0	100.0	100.0
Average hours per week	**46.7**	**47.2**	**50.2**	**48.8**	**47.5**	**46.2**
Male Production Workers:						
30 or less	3.4	2.8	3.6	4.6	5.3	5.4
31-43	16.6	14.2	7.0	7.9	9.8	13.1
44	13.1	12.7	6.9	6.2	9.0	11.7
45-47	10.5	10.0	5.6	7.2	7.9	9.8
48	21.3	22.8	21.7	21.5	21.5	22.9
49-50	10.0	10.6	8.4	8.8	9.5	10.0
51-54	7.4	8.2	12.6	13.2	11.9	9.5
55	3.6	4.4	5.8	5.7	5.0	3.8
56-64	12.3	12.5	20.4	18.3	15.1	9.7
65 or over	1.8	1.8	8.0	6.6	5.0	4.1
	100.0	100.0	100.0	100.0	100.0	100.0
Average hours per week	**47.3**	**48.1**	**51.3**	**50.4**	**49.1**	**47.6**
Female Production Workers:						
30 or less	6.7	5.3	6.2	10.0	12.5	12.3
31-43	17.9	15.8	13.0	17.6	20.1	23.8
44	18.3	17.8	9.9	10.3	10.8	13.2
45-47	14.2	13.9	11.1	11.2	12.2	13.2
48	18.8	20.4	20.8	18.2	18.4	17.7
49-50	12.6	13.2	11.5	11.6	10.5	9.1
51-54	4.5	6.6	13.5	10.7	8.2	5.7
55	3.1	3.5	4.9	4.0	2.9	1.9
56-64	3.5	3.2	7.2	5.3	3.4	2.4
65 or over	.4	.3	1.9	1.1	1.0	.7
	100.0	100.0	100.0	100.0	100.0	100.0
Average hours per week	**44.6**	**45.2**	**46.9**	**44.8**	**43.6**	**42.7**

1. For 1938 and 1939, the hours worked do not include overtime, while for 1940 to 1945 overtime is included.

TABLE 30. Production Workers in Manufacturing Working Specified Numbers of Hours During the Last Week in October, 1946-52[1]

Hours Worked per Week	1946[2]	1947[2]	1948	1949	1952
			p.c.		
All Production Workers:					
30 or less	6.7	6.7	6.1	6.3	6.1
31-34	10.8	2.9	3.0	3.1	3.5
35-39		7.8	8.4	8.5	8.1
40	9.9	12.2	13.2	15.3	25.9
41-43	11.5	10.6	10.9	11.1	11.9
44	10.3	8.5	9.3	8.6	6.6
45-47	18.2	18.7	18.9	18.8	13.9
48	13.7	12.9	11.8	10.7	7.6
49-50	6.6	6.5	6.1	5.7	5.0
51-53	5.4	4.3	4.0	3.9	3.6
54		1.3	1.3	1.2	1.3
55-64	6.0	6.5	6.0	5.9	5.5
65 or over	0.9	1.1	1.0	0.9	1.0
	100.0	100.0	100.0	100.0	100.0
Average hours per week	**43.7**	**43.7**	**43.6**	**43.3**	**42.6**
Male Production Workers:					
30 or less	4.7	4.6	4.4	4.3	4.6
31-34	8.0	2.1	2.2	2.3	2.9
35-39		6.1	6.4	6.7	6.6
40	9.6	11.9	12.9	15.5	27.3
41-43	10.6	9.2	9.9	10.4	11.3
44	10.7	8.7	9.7	8.8	6.4
45-47	18.8	19.7	19.4	19.2	13.9
48	15.8	15.0	13.9	12.5	8.5
49-50	7.1	7.0	6.6	6.3	5.4
51-53	6.3	4.9	4.6	4.4	3.9
54		1.6	1.5	1.3	1.5
55-64	7.3	7.8	7.3	7.1	6.5
65 or over	1.1	1.4	1.2	1.2	1.2
	100.0	100.0	100.0	100.0	100.0
Average hours per week	**44.9**	**44.9**	**44.7**	**44.4**	**43.4**
Female Production Workers:					
30 or less	13.1	13.7	12.2	12.8	11.9
31-34	19.7	5.5	5.6	5.8	5.9
35-39		13.6	15.0	14.6	13.5
40	10.8	13.4	14.1	14.8	20.9
41-43	14.6	15.0	14.5	13.3	13.9
44	8.9	7.8	7.9	7.9	7.4
45-47	16.1	15.9	17.4	17.5	14.2
48	7.1	5.7	5.1	4.5	3.9
49-50	5.0	4.9	4.1	3.9	3.3
51-53	2.5	2.0	2.0	2.3	2.4
54		0.5	0.5	0.5	0.6
55-64	2.1	1.9	1.5	2.0	1.9
65 or over	0.1	0.1	0.1	0.1	0.2
	100.0	100.0	100.0	100.0	100.0
Average hours per week	**40.0**	**39.7**	**39.8**	**39.8**	**39.6**

1. Includes only establishments employing 15 hands or over. Information not collected in 1950, 1951 and 1953.
2. Last week in November.

TABLE 31. Average Hours Worked per Week in the Manufacturing Industries of Canada, by Provinces, 1946-53[1]

(Hours worked by wage-earners from 1938 to 1945 are given on page 53 of the 1950 General Review of the Manufacturing Industries of Canada)

Province and Year	Production workers			Supervisory and office employees		
	Both sexes	Male	Female	Both sexes	Male	Female
	Number					
Canada:						
1946	43.7	44.9	40.0	41.1	42.0	39.5
1947	43.7	44.9	39.7	40.4	41.2	38.9
1948	43.6	44.7	39.8	40.3	41.1	38.8
1949	43.3	44.4	39.8	40.1	40.8	38.6
1950	43.5	44.6	40.0	39.7	40.2	38.4
1951	42.0	43.0	37.9	39.5	40.0	38.2
1952	42.6	43.4	39.6	39.4	39.9	38.0
1953	41.7	42.6	38.5	39.0	39.5	37.9
Newfoundland						
1950	46.9	47.7	41.9	42.6	43.5	39.9
1951	45.5	46.1	40.5	43.0	43.3	42.0
1952	44.1	44.6	40.2	42.7	43.0	41.3
1953	43.2	43.8	37.4	41.8	42.0	41.0

TABLE 31. Average Hours Worked per Week in the Manufacturing Industries of Canada, by Provinces, 1946-53[1] – Concluded

(Hours worked by wage-earners from 1938 to 1945 are given on page 53 of the 1950 General Review of the Manufacturing Industries of Canada)

Province and Year	Production workers			Supervisory and office employees		
	Both sexes	Male	Female	Both sexes	Male	Female
	Number					
Prince Edward Island:						
1946	46.3	46.9	45.0	–	–	–
1947	45.3	47.0	40.3	–	–	–
1948	45.8	46.7	42.6	–	–	–
1949	47.7	48.1	46.8	–	–	–
1950	44.0	46.0	39.2	41.0	41.0	41.1
1951	45.9	46.4	44.4	43.4	44.3	41.3
1952	45.2	46.1	40.9	41.3	41.7	40.6
1953	45.8	46.2	44.6	40.5	41.0	39.7
Nova Scotia						
1946	45.7	46.0	43.6	43.1	44.1	40.7
1947	45.8	46.2	43.4	41.9	42.6	40.0
1948	45.8	46.0	44.5	41.7	42.4	39.9
1949	44.5	44.8	42.6	40.5	40.9	39.6
1950	44.8	45.0	43.7	40.8	41.0	40.1
1951	43.3	43.4	42.9	41.7	42.3	40.2
1952	42.4	42.4	42.5	42.3	43.2	39.8
1953	41.6	41.7	41.2	40.5	40.9	39.2
New Brunswick:						
1946	46.0	46.7	42.9	43.2	44.3	40.9
1947	45.4	46.6	40.3	43.6	44.6	41.2
1948	46.1	47.0	41.9	42.7	43.8	40.4
1949	45.4	46.9	41.3	42.8	43.8	40.6
1950	45.0	46.3	39.3	42.0	43.0	39.6
1951	44.3	45.5	39.1	41.8	42.6	40.1
1952	44.1	44.8	40.8	41.5	42.2	39.5
1953	42.7	43.8	37.0	40.9	41.1	40.6
Quebec:						
1946	45.4	47.1	41.2	41.5	42.5	39.6
1947	45.4	47.1	40.7	40.6	41.3	39.1
1948	45.2	46.8	40.9	40.6	41.4	39.0
1949	44.5	46.3	40.2	40.4	41.1	38.8
1950	44.9	46.7	40.6	39.8	40.5	38.4
1951	43.0	44.8	37.8	39.7	40.3	38.1
1952	44.0	45.5	40.1	39.5	40.0	38.2
1953	42.8	44.4	38.5	39.2	39.7	37.9
Ontario:						
1946	42.8	44.0	38.8	40.5	41.3	39.2
1947	43.0	44.2	38.8	40.0	40.8	38.6
1948	42.9	43.9	38.9	39.8	40.6	38.4
1949	42.8	43.8	39.4	39.7	40.4	38.3
1950	43.0	44.0	39.5	39.3	39.8	38.1
1951	41.6	42.4	37.9	39.0	39.5	37.9
1952	42.1	42.8	39.3	39.0	39.6	37.7
1953	41.4	42.0	38.7	38.7	39.2	37.6
Manitoba:						
1946	42.8	43.8	39.6	42.7	43.3	41.1
1947	43.4	44.5	39.7	41.7	42.2	40.4
1948	43.1	44.1	39.6	41.8	42.5	40.4
1949	43.4	44.5	39.7	41.3	41.9	39.9
1950	43.6	44.6	40.0	40.9	41.3	39.8
1951	41.6	42.4	38.4	40.3	40.5	39.6
1952	41.6	42.2	39.7	39.9	40.4	38.5
1953	40.9	41.7	37.9	39.9	40.2	38.8
Saskatchewan:						
1946	44.0	44.3	41.2	42.9	43.7	41.3
1947	43.3	43.8	40.3	42.1	43.0	41.0
1948	43.0	43.6	39.0	41.9	42.4	41.1
1949	42.4	42.9	39.2	42.2	42.7	41.1
1950	42.4	42.8	39.1	42.1	42.5	41.3
1951	41.4	41.8	38.6	41.3	41.6	40.9
1952	41.4	41.8	38.9	41.5	42.0	40.3
1953	41.2	41.6	37.8	40.7	41.3	39.4
Alberta:						
1946	43.2	43.5	41.6	42.9	43.6	41.5
1947	43.7	44.1	41.8	42.4	43.0	41.0
1948	43.3	43.8	40.7	42.5	43.2	40.7
1949	43.5	43.9	40.7	42.2	42.8	40.6
1950	42.6	43.0	39.7	41.3	41.7	39.8
1951	41.3	41.6	38.6	41.3	41.6	40.3
1952	41.4	42.0	38.2	40.5	40.9	39.4
1953	41.2	41.7	38.1	40.0	40.4	38.8
British Columbia:						
1946	41.2	41.5	39.2	41.9	42.4	40.6
1947	40.4	40.4	38.4	40.6	41.0	39.7
1948	40.3	40.6	38.0	40.6	41.0	39.5
1949	40.1	40.5	37.2	40.4	40.7	39.6
1950	40.2	40.5	37.8	39.9	40.2	39.0
1951	39.1	39.5	35.9	40.0	40.2	39.1
1952	39.3	39.7	36.2	39.6	40.0	38.3
1953	39.5	39.8	36.4	39.4	39.7	38.4

1. Prior to 1946 the figures refer to the week of highest employment and cover all establishments while for 1946 and 1947 they refer to the last week in November and for 1948 to 1953 the last week in October for establishments employing 15 hands and over only.

TABLE 32. Average Hours Worked per Week in the Manufacturing Industries of Canada, by Industrial Group, 1946-53

Group and year	Production workers			Supervisory and office employees		
	Both sexes	Male	Female	Both sexes	Male	Female
	Number					
Foods and beverages:						
1946	43.9	45.7	38.8	42.2	43.2	40.3
1947	44.1	46.1	38.6	41.2	42.0	39.7
1948	44.0	45.9	38.8	41.4	42.4	39.4
1949	44.3	46.2	39.4	41.2	42.1	39.4
1950	43.8	45.7	39.0	40.9	41.5	39.3
1951	43.4	45.0	39.0	40.5	41.1	39.1
1952	43.1	44.7	39.1	40.5	41.1	38.7
1953	42.6	44.1	38.8	40.0	40.6	38.4
Tobacco and tobacco products:						
1946	42.9	45.6	41.4	41.3	42.1	40.4
1947	42.1	44.8	40.6	40.4	41.1	39.2
1948	42.5	45.0	41.2	40.2	40.8	39.3
1949	43.6	45.6	42.6	40.0	40.5	39.2
1950	41.5	43.0	40.7	38.4	38.6	37.9
1951	41.5	43.8	40.0	37.3	37.5	36.8
1952	40.8	42.6	39.7	37.5	37.7	37.2
1953	40.5	41.8	39.7	37.3	37.4	37.2
Rubber products:						
1946	44.8	45.6	42.3	40.4	40.9	39.2
1947	43.7	44.3	41.8	39.3	39.7	38.4
1948	43.4	44.3	40.8	39.2	39.7	38.2
1949	42.3	42.8	40.9	39.2	39.7	38.2
1950	43.6	44.2	41.8	39.6	40.1	38.5
1951	41.4	42.0	39.5	38.3	38.4	38.0
1952	42.3	42.8	40.6	38.7	39.1	37.9
1953	41.4	42.3	38.6	38.9	39.1	38.2
Leather products:						
1946	42.5	43.9	40.6	43.1	44.5	40.3
1947	41.0	42.2	39.2	41.9	43.2	39.1
1948	41.0	42.0	39.5	41.4	42.5	39.2
1949	40.1	41.3	38.4	41.5	42.6	39.2
1950	40.4	41.8	38.6	41.2	42.2	39.2
1951	37.6	38.7	36.0	40.2	41.2	38.1
1952	41.0	42.2	39.4	40.4	41.2	38.4
1953	38.5	39.9	36.7	39.8	40.6	37.9
Textile products (except clothing):						
1946	43.8	46.6	41.3	41.5	42.6	39.4
1947	44.5	46.5	41.6	41.2	42.1	39.4
1948	44.4	46.4	41.5	41.0	42.1	39.2
1949	44.6	46.4	41.8	41.0	41.9	39.2
1950	44.7	46.3	42.1	40.2	40.9	38.7
1951	40.4	42.0	37.7	39.8	40.5	38.4
1952	43.5	44.7	41.2	39.4	40.0	38.3
1953	41.1	42.3	38.9	39.7	40.5	38.1
Clothing (textile and fur):						
1946	41.0	44.8	38.7	41.5	42.7	39.8
1947	39.7	42.9	38.4	40.8	42.0	39.2
1948	40.1	42.6	39.0	40.9	42.2	39.4
1949	39.2	41.6	38.2	40.6	41.7	39.1
1950	40.1	42.6	39.0	40.0	40.9	38.7
1951	36.7	38.8	35.8	39.5	40.4	38.3
1952	39.9	42.5	38.8	39.5	40.3	38.4
1953	38.2	40.6	37.3	39.6	40.6	38.2
Wood products:						
1946	45.1	45.4	41.3	43.7	45.2	40.2
1947	44.0	44.2	40.4	42.6	43.8	39.6
1948	44.0	44.2	40.8	42.4	43.6	39.3
1949	44.1	44.3	40.6	42.4	43.5	39.4
1950	44.1	44.3	41.0	41.7	42.6	39.2
1951	42.9	43.0	40.6	41.5	42.5	38.7
1952	43.8	44.0	41.1	41.5	42.6	38.4
1953	43.8	44.0	40.4	41.2	42.1	38.5
Paper products:						
1946	47.1	48.2	41.0	40.9	41.6	39.4
1947	47.2	48.1	41.4	39.9	40.4	38.6
1948	47.2	48.0	41.3	40.2	40.7	38.7
1949	47.1	47.9	41.9	39.9	40.4	38.4
1950	47.5	48.3	42.1	39.1	39.6	37.8
1951	46.5	47.2	40.9	38.9	39.3	38.0
1952	45.1	45.5	41.6	38.4	38.7	37.4
1953	43.6	44.0	40.0	38.0	38.3	37.1
Printing, publishing and allied industries:						
1946	42.0	43.3	38.5	39.9	40.6	39.0
1947	41.1	42.2	38.1	39.5	40.0	38.7
1948	40.9	42.0	37.8	39.0	39.4	38.3
1949	41.0	41.8	38.3	38.7	39.2	37.8
1950	40.4	41.2	37.9	38.2	38.3	38.0
1951	40.0	40.6	38.0	38.2	38.5	37.8
1952	40.0	40.6	38.0	37.9	38.0	37.6
1953	40.0	40.7	37.9	37.3	37.4	37.0
Iron and steel products:						
1946	44.8	45.0	41.8	40.9	41.5	39.3
1947	45.1	45.3	41.6	40.2	40.8	38.6
1948	44.8	45.0	41.6	40.1	40.7	38.6
1949	43.6	43.7	41.5	39.8	40.3	38.4
1950	44.0	44.1	41.4	39.5	39.9	38.3
1951	42.5	42.7	39.8	39.1	39.6	37.9
1952	42.8	42.9	40.1	39.1	39.5	38.0
1953	42.1	42.2	39.6	38.9	39.3	37.6

TABLE 32. Average Hours Worked per Week in the Manufacturing Industries of Canada, by Industrial Group, 1946-53 Concluded

Group and year	Production workers			Supervisory and office		
	Both sexes	Male	Female	Both sexes	Male	Female
	Number					
Transportation equipment:						
1946	42.3	42.4	40.3	42.2	42.8	40.5
1947	43.6	43.7	40.9	41.1	41.6	39.7
1948	43.2	43.2	40.7	41.6	42.1	40.2
1949	42.9	43.0	39.6	41.5	41.9	40.1
1950	43.8	43.9	40.2	41.4	41.8	39.8
1951	42.1	42.2	38.7	41.0	41.3	39.9
1952	42.3	42.4	38.5	41.7	42.5	39.2
1953	41.6	41.8	38.1	39.9	40.2	38.8
Non-ferrous metal products:						
1946	44.0	44.5	40.9	41.6	42.4	40.1
1947	44.1	44.6	40.3	40.9	41.6	39.2
1948	43.9	44.3	40.7	41.0	41.7	39.1
1949	44.4	44.6	41.8	40.9	41.8	38.8
1950	44.2	44.5	41.5	39.9	40.6	38.3
1951	41.8	42.0	40.0	39.6	40.2	38.1
1952	42.1	42.2	41.0	39.0	39.4	37.8
1953	41.5	41.6	39.8	39.4	39.9	37.8
Electrical apparatus and supplies:						
1946	41.9	42.7	40.3	39.6	40.1	38.6
1947	42.6	43.5	40.7	39.9	40.6	38.6
1948	41.8	42.6	39.5	39.0	39.3	38.3
1949	42.1	42.8	40.3	39.0	39.3	38.3
1950	42.4	43.3	40.2	38.6	38.8	38.0
1951	41.5	42.5	38.7	38.8	39.3	37.6
1952	42.1	42.8	40.1	38.5	38.8	37.6
1953	41.8	42.6	40.1	38.6	38.8	37.9
Non-metallic mineral products:						
1946	46.1	46.6	42.0	41.4	42.3	39.2
1947	46.4	46.8	43.5	40.9	41.3	40.0
1948	46.4	46.8	42.8	40.5	41.3	38.2
1949	46.0	46.4	41.8	39.9	40.8	37.8
1950	46.4	46.8	41.6	39.7	40.3	38.0
1951	45.0	45.3	40.2	39.3	39.9	37.6
1952	45.1	45.5	40.2	38.4	39.0	36.8
1953	44.4	44.7	40.9	39.2	39.9	37.1
Products of petroleum and coal:						
1946	41.9	42.0	—	39.5	39.9	38.2
1947	42.1	42.1	—	38.8	39.1	37.3
1948	42.1	42.1	—	38.2	38.5	37.1
1949	41.9	41.9	—	38.0	38.6	36.1
1950	41.3	41.3	—	36.7	37.4	34.1
1951	41.4	41.4	—	38.4	38.7	37.1
1952	41.5	41.5	—	36.7	37.0	35.9
1953	41.6	41.7	—	37.2	37.5	36.2
Chemicals and allied products:						
1946	44.4	45.3	41.0	39.5	40.0	38.8
1947	43.8	44.7	40.2	39.0	39.5	38.3
1948	44.0	44.9	40.4	38.8	39.3	38.0
1949	44.3	45.1	40.8	38.7	39.2	37.8
1950	43.4	44.1	40.1	38.3	38.8	37.5
1951	42.7	43.3	39.6	38.6	38.9	38.0
1952	42.3	42.8	39.6	38.4	38.7	37.9
1953	42.3	42.9	39.5	38.3	38.5	37.7
Miscellaneous industries:						
1946	42.9	43.9	41.0	43.1	41.9	38.7
1947	42.3	43.7	39.7	41.9	41.2	38.6
1948	42.3	43.6	40.4	41.7	41.2	38.2
1949	42.8	44.2	40.7	40.5	41.1	37.6
1950	42.8	44.3	40.6	40.0	41.0	38.4
1951	41.8	43.3	39.5	38.9	40.1	37.0
1952	42.4	44.3	39.8	38.3	39.5	35.9
1953	42.2	43.7	40.0	38.9	39.4	37.8

Subsection 5. Earnings in Manufacturing Industries

In 1953, the 38,107 establishments covered, employed 274,225 supervisory and office employees and 1,053,226 production workers, a total of 1,327,451 persons. Out of every 1,000 persons employed in manufacturing, 207 were classed as office employees and 793 as production workers; the former earned 26 p.c. and the latter 74 p.c. of the total amount paid out as remuneration for services.

A notable feature during the past few years was the reduction in the disparity between average annual earnings of office and production workers. Whereas in 1939 average annual earnings of production workers were only 56 p.c. of that paid to office workers, in 1943 the percentage rose to 76, they declined to 69 in 1947 and rose to 75 in 1953. This tendency towards equalization was due, in part, to the controls adopted by the Government during the war years which tended to stabilize earnings of office workers more so than the earnings of production workers. The increase in average earnings of production workers was also influenced by the fact that large numbers were employed in the highly paid iron and steel industries and by the increase in the number of hours worked, some at overtime pay.

Ontario has a larger proportion of females among its office employees than the other provinces. The same situation prevails in Quebec with regard to production workers, due, no doubt, to the textile industries of the Province. The importance of the textile industries in providing employment to females is strikingly illustrated by the fact that of all female production workers engaged in the manufacturing industries of Canada in 1953, 43 p.c. were found in the textile and clothing groups.

Average earnings of office workers in 1953 amounted to $3,707 which was $1,961 or 112 p.c. higher than in 1939. Office employees in Ontario with $3,892 were the highest paid. Those in Quebec were second with $3,670, British Columbia third with $3,609, and Manitoba fourth with $3,419. The fact that head offices of many large corporations are located in Montreal, Toronto, Winnipeg and Vancouver tends to raise the average salary in the provinces in which these cities are located.

Average earnings of production workers in 1953 amounted to $2,792 which was $1,817 or 186 p.c. higher than in 1939. The manufacturing industries of British Columbia paid the highest average earnings of $3,108. Ontario with $2,980 was in second place, followed by Saskatchewan with $2,785, Alberta $2,718, Manitoba $2,619, Quebec $2,558, Newfoundland $2,549, etc. The high figure shown for Yukon and Northwest Territories in regard to the average earnings of production workers is due to the unusual conditions under which industry is carried on in these regions, and is not representative. Statistics of the distribution of employees by provinces and groups as well as average annual earnings are given in Table 33.

TABLE 33. Annual Earnings in the Manufacturing Industries, by Provinces and Industrial Groups, 1953 with Totals for Significant Years, 1917-52

Year	Supervisory and office employees				Production workers			
	Male	Female	Total earnings	Average annual earnings	Male	Female	Total earnings	Average annual earnings
	No.	No.	$	$	No.	No.	$	$
1917	64,918		85,353,667	1,315	541,605		412,448,177	762
1920	78,334		141,837,361	1,811	520,559		575,656,515	1,106
1922	71,586		129,836,831	1,814	384,670		359,560,399	935
1924	54,379	15,641	130,344,822	1,862	322,719	94,871	404,122,853	968
1926[1]	58,245	17,092	142,353,900	1,890	374,244	109,580	483,328,342	999
1929[1]	67,731	21,110	175,553,710	1,976	454,768	122,922	601,737,507	1,042
1930[1]	64,161	20,550	169,992,216	2,007	416,790	113,195	527,563,162	995
1931[2]	71,198	20,293	172,289,095	1,883	337,636	99,513	415,277,895	950
1932	68,264	18,786	151,355,790	1,739	288,817	92,966	322,245,926	844
1933	67,875	18,761	139,317,946	1,608	287,266	94,756	296,929,878	777
1934	71,963	20,132	148,760,126	1,615	326,598	101,119	355,090,929	830
1935	76,213	21,717	160,455,080	1,638	353,790	104,944	399,012,697	870
1936	81,409	23,008	173,198,057	1,659	379,977	109,965	438,873,377	896
1937	91,092	24,735	195,983,475	1,692	427,285	117,339	525,743,562	965
1938	95,270	25,319	207,386,381	1,719	409,172	112,255	498,282,208	956
1939	98,165	26,607	217,839,334	1,746	415,488	117,854	519,971,819	975
1940	104,267	31,493	241,599,761	1,780	491,439	135,045	679,273,104	1,084
1941	117,251	41,693	286,336,861	1,801	626,825	175,409	978,525,782	1,220
1942	123,125	54,062	334,870,793	1,890	732,319	242,585	1,347,934,049	1,383
1943	128,679	64,516	388,857,505	2,013	762,854	285,019	1,598,434,879	1,525
1944	126,858	65,700	418,065,594	2,171	744,635	285,689	1,611,555,776	1,564
1945	128,601	62,106	417,857,619	2,191	680,620	248,045	1,427,915,830	1,538
1946	127,002	54,004	410,875,776	2,270	662,699	214,451	1,329,811,478	1,516
1947	135,248	55,852	474,693,800	2,484	721,407	219,243	1,611,232,166	1,713
1948	141,038	57,192	532,594,959	2,687	738,721	218,770	1,876,773,231	1,960
1949	157,516	64,035	628,427,937	2,836	732,457	217,199	1,963,462,720	2,067
1950	164,475	66,578	692,633,349	2,998	736,477	215,767	2,078,634,086	2,183
1951	176,943	70,844	816,714,604	3,296	792,394	218,194	2,459,566,313	2,434
1952	188,235	74,792	923,905,251	3,513	810,060	215,295	2,713,714,909	2,647
Provinces, 1953								
Newfoundland	2,037	354	5,744,865	2,403	7,350	834	20,860,043	2,549
Prince Edward Island	347	94	885,775	2,009	980	388	2,210,070	1,616
Nova Scotia	3,840	1,081	13,654,549	2,775	23,598	3,521	62,736,206	2,313
New Brunswick	2,746	928	11,373,306	3,096	17,472	3,325	48,379,739	2,326
Quebec	62,263	24,080	316,850,671	3,670	260,169	95,043	908,732,643	2,558
Ontario	96,231	42,854	541,339,538	3,892	395,157	100,312	1,476,642,680	2,980
Manitoba	6,004	2,213	28,095,419	3,419	27,449	8,074	93,030,860	2,619
Saskatchewan	2,352	814	8,893,485	2,809	7,442	996	23,502,033	2,785
Alberta	5,603	1,816	22,861,122	3,081	22,177	3,486	69,744,031	2,718
British Columbia	14,375	4,138	66,817,112	3,609	66,463	8,868	234,104,206	3,108
Yukon and Northwest Territories	45	10	163,567	2,974	106	16	406,428	3,331
Canada totals, 1953	**195,843**	**78,382**	**1,016,679,409**	**3,707**	**828,363**	**224,863**	**2,940,338,939**	**2,792**
Industrial groups, 1953								
Foods and beverages	24,731	10,245	116,307,583	3,325	105,392	36,281	338,972,969	2,393
Tobacco and tobacco products	823	461	5,586,881	4,351	3,132	5,078	21,178,762	2,580
Rubber products	4,009	1,555	20,205,742	3,632	12,945	4,091	50,788,901	2,981
Leather products	2,964	1,284	15,388,460	3,623	16,233	12,587	55,577,035	1,928
Textile products (except clothing)	7,651	3,877	44,122,495	3,827	38,850	22,812	140,482,121	2,278
Knitting mills	1,587	1,308	10,597,008	3,660	7,275	14,243	41,823,673	1,944
Clothing (textile and fur)	7,971	4,795	46,941,304	3,677	24,283	58,609	155,063,975	1,871
Wood products	21,869	3,366	63,934,655	2,534	103,601	5,474	261,684,597	2,399
Paper products	10,544	4,131	70,561,329	4,808	61,480	8,281	239,546,378	3,434
Printing, publishing and allied industries	15,923	9,883	81,078,194	3,142	32,001	8,723	124,548,360	3,058
Iron and steel products	28,994	10,266	156,761,826	3,993	141,501	7,475	486,712,301	3,267
Transportation equipment	20,313	6,421	114,984,963	4,301	125,112	4,213	440,426,189	3,406
Non-ferrous metal products	7,725	2,699	42,294,010	4,057	38,342	3,292	136,416,047	3,277
Electrical apparatus and supplies	15,654	6,401	86,573,525	3,925	38,785	16,016	164,073,252	2,994
Non-metallic mineral products	4,474	1,626	22,791,238	3,736	26,056	2,196	84,483,836	2,990
Products of petroleum and coal	4,191	1,460	23,828,346	4,217	11,390	71	42,737,088	3,729
Chemicals and allied products	11,468	6,029	66,622,583	3,808	26,775	5,935	97,968,327	2,995
Miscellaneous industries	4,952	2,575	28,099,267	3,733	15,210	9,486	57,855,228	2,343

1. The averages of the number of production workers and earnings for the years 1931 to 1953 are strictly comparable with those for the years up to 1925 but not with those for the intervening years. The figures for the latest years—as for the earliest—represent the earnings for complete man-years of work, with no allowance for periods of unemployment. The difference amounts only to about 3 or 4 p.c. in the total figures and affects chiefly the seasonal industries.

2. The increase in the number of office employees in 1931 is due to the following changes in method: 1. Prior to 1931 working proprietors, such as bakers, sawmill operators, small clothing manufacturers, etc., were required to report themselves as production workers. In 1931 and subsequent years, however, all such proprietors reported themselves as office employees. 2. In 1931 travelling salesmen who were attached to the plant, and devoted all or the greater part of their time to selling the products of that plant, were included with office employees. Prior to this they were not reported at all.

Average Annual Earnings in the Forty Leading Industries. In 1953 there were five industries paying office workers $4,500 or over, as compared with three in 1952. Indicative of the rapidly changing pattern of remuneration in manufacturing is the fact that in 1945, the last year of the war, no industry paid office workers annual salaries of over $3,000. Highest average earnings in that year were $2,935 reported by the brewing industry. Highest average earnings in 1953, amounting to $5,315 were received by the office and supervisory employees of the pulp and paper industry which was also in first place in 1952. Other industries paying $4,500 or more, in descending order, were as follows: breweries $4,828, motor vehicles $4,808, bridge building and structural steel $4,616, and primary iron and steel $4,552. In eleven other industries they ranged between $4,000 and $4,500, as follows: railway rolling stock $4,480, petroleum products $4,415, motor vehicle parts $4,362, brass and copper products $4,273, non-ferrous metal smelting and refining $4,251, boilers, tanks and platework $4,192, boxes and bags, paper $4,184, aircraft and parts $4,162, iron castings $4,116, agricultural implements $4,054, and slaughtering and meat packing $4,025. In fourteen others they were between $3,500 and $4,000, in eight they were between $2,500 and $3,500, while in the remaining two they were below $2,500. Sawmills and butter and cheese with $1,810 and $2,477 respectively were the two industries in this category.

The increase in average earnings of production workers since 1945 paralleled that of office and supervisory employees. Whereas in 1945 there were only four industries averaging over $2,000, in 1953 the number jumped to thirty-six. In 1945 the highest annual earnings, amounting to $2,365, were paid by the motor vehicle industry, while in 1953 the highest earnings which totalled $3,918 were paid by the petroleum products industry which was also in first place in 1951 and 1952. The highest earnings are usually paid by industries in which the proportion of skilled workers is high and the proportion of female workers is low. There were eight industries in 1953 with average annual earnings of $3,500 and over. These were: petroleum products $3,918, pulp and paper $3,808, motor vehicles $3,796, non-ferrous metal smelting and refining $3,669, primary iron and steel $3,582, aircraft and parts $3,572, bridge building and structural steel $3,523, and breweries $3,510. In fifteen other industries annual earnings ranged between $3,000 and $3,500, in seven others they were between $2,500 and $3,000, in six other they were between $2,000 and $2,500, while in the remaining four they were below $2,000. This latter group includes industries made up of a large number of small establishments and in which the proportion of female workers is high. Leather footwear, fruit and vegetable preparations, men's factory clothing and women's factory clothing are the industries included in this group. Employment by sex, and average annual earnings in the forty leading industries are given in Table 34.

TABLE 34. Annual Earnings in the Forty Leading Industries, 1953

Note. Industries ranked according to the aggregate salaries and wages paid

No.	Industry	Supervisory and office employees				Production workers			
		Male	Female	Total earnings	Average annual earnings	Male	Female	Total earnings	Average annual earnings
		No.	No.	$	$	No.	No.	$	$
1	Pulp and paper	7,165	2,229	49,932,103	5,315	48,093	707	185,809,557	3,808
2	Aircraft and parts	8,136	2,813	45,574,126	4,162	26,380	719	96,801,573	3,572
3	Sawmills	12,252	844	23,708,046	1,810	47,327	510	118,422,957	2,476
4	Motor vehicles	4,633	1,450	29,245,288	4,808	26,429	461	102,070,846	3,796
5	Primary iron and steel	3,334	1,112	20,237,501	4,552	30,300	210	109,472,055	3,588
6	Railway rolling stock	2,269	320	11,597,664	4,480	32,729	129	106,428,686	3,239
7	Non-ferrous metal smelting and refining	3,558	566	17,530,010	4,251	20,942	49	77,015,601	3,669
8	Printing and publishing	8,171	4,699	41,400,755	3,217	13,590	2,039	52,420,856	3,354
9	Machinery, heavy electrical	5,335	1,916	28,602,860	3,945	14,628	3,575	59,756,803	3,283
10	Motor vehicle parts	2,789	1,121	17,056,053	4,362	16,913	2,512	64,130,746	3,301
11	Bread and other bakery products	3,660	1,195	13,992,400	2,882	21,827	6,858	66,910,287	2,333
12	Furniture	3,877	1,172	17,576,030	3,481	22,603	2,116	58,260,147	2,357
13	Machinery, industrial	4,815	1,984	25,687,090	3,778	14,888	476	49,608,363	3,229
14	Clothing, men's factory	2,779	1,644	16,522,772	3,736	9,440	21,256	58,187,116	1,896
15	Miscellaneous electrical apparatus and supplies	4,499	1,979	25,528,033	3,941	11,395	4,798	49,048,054	3,029
16	Slaughtering and meat packing	3,618	1,261	19,637,310	4,025	14,792	3,216	54,794,633	3,043
17	Shipbuilding	1,898	546	9,419,945	3,854	20,003	124	63,312,111	3,146
18	Rubber goods, including footwear	4,009	1,555	20,205,742	3,632	12,945	4,091	50,788,901	2,981
19	Printing and bookbinding	4,098	1,898	20,895,071	3,485	12,638	5,212	47,487,544	2,660
20	Clothing, women's factory	2,286	1,598	15,099,599	3,888	5,926	18,467	46,738,450	1,916
21	Sheet metal products	2,904	1,038	15,451,269	3,920	12,691	1,642	43,380,562	3,027
22	Cotton yarn and cloth	1,650	969	9,218,655	3,520	13,399	7,160	45,817,885	2,229
23	Castings, iron	1,729	609	9,622,171	4,116	12,737	271	43,363,405	3,334
24	Butter and cheese	3,436	1,720	12,768,857	2,477	14,643	898	39,738,722	2,557
25	Radios, television sets, and parts	3,821	1,570	21,187,773	3,930	5,994	5,828	30,046,919	2,542
26	Agricultural implements	2,516	656	12,857,891	4,054	10,859	130	37,444,116	3,407
27	Petroleum products	3,213	1,047	18,808,302	4,415	7,536	62	29,766,470	3,918
28	Sash, door and planing mills	3,373	653	11,892,105	2,954	15,993	222	36,227,191	2,234
29	Hardware, tools and cutlery	2,022	1,016	11,871,462	3,908	9,771	1,613	34,067,883	2,993
30	Footwear, leather	1,753	806	9,205,639	3,597	10,009	8,929	34,830,483	1,839
31	Synthetic textiles and silk	2,291	995	12,822,840	3,902	9,311	3,126	31,116,265	2,502
32	Bridge building and structural steel	2,197	481	12,362,243	4,616	8,520	45	30,172,081	3,523
33	Miscellaneous iron and steel products	2,011	587	8,700,819	3,349	8,889	916	31,677,430	3,231
34	Miscellaneous chemical products	2,583	1,072	13,656,350	3,736	7,165	1,707	25,868,604	2,916
35	Boxes and bags, paper	1,491	813	9,640,723	4,184	7,048	4,690	29,112,015	2,480
36	Fruit and vegetable preparations	1,730	934	8,889,052	3,337	6,534	6,187	23,949,847	1,883
37	Boilers, tanks and platework	1,792	558	9,850,967	4,192	6,414	194	22,629,786	3,425
38	Breweries	1,365	389	8,468,636	4,828	6,554	75	23,269,261	3,510
39	Brass and copper products	1,315	569	8,049,906	4,273	6,917	500	23,489,864	3,167
40	Machinery, household, office and store	1,431	697	7,775,388	3,654	6,900	964	23,645,171	3,007
	Totals, forty leading industries	**137,804**	**49,081**	**702,549,446**	**3,759**	**611,672**	**122,684**	**2,157,079,246**	**2,937**
	Totals, all industries	**195,843**	**78,382**	**1,016,679,409**	**3,707**	**828,363**	**224,863**	**2,940,338,939**	**2,792**

Average Annual, Weekly and Hourly Earnings of Production Workers. In comparing earnings by provinces or groups, consideration should be given to the type of industries in each case since the distribution of industries has a very definite regional significance. In some industries a labour force possessing deftness and speed or the ability to exercise muscular strength is necessary, in others the labour force must exercise craftsmanship or possess a high degree of technical knowledge. Workers in the latter industries naturally command relatively higher payments than those employed in industries whose employees are routine workers.

The ranking of provinces and industries as regards annual earnings is in many cases different to that of weekly or hourly earnings since the factors of number of weeks worked per year and number of hours worked per week enter into the picture. So that, while in general the same observations apply, a close study of the differences between the averages shown in Tables 33 and 34 will be of value.

The figures for the years 1934 to 1945 given in Table 35 are based on an analysis of a pay-list covering one week in the month of highest employment. For this reason the figures do not refer to any particular month, since the month of highest employment might be May for one firm and October for another; they represent the summation of the different months of highest employment as reported by all the firms. For a particular industry, however, the month of highest employment is more significant as in such a case it coincides for a great number of firms engaged in the same industry. The figures since 1946 are based on returns received from establishments employing 15 hands or over, and for 1946 and 1947 they refer to the last week in the month of November, whereas for 1948-1953 they refer to the last week in the month of October.

Average weekly earnings of male production workers for manufacturing as a whole amounted to $62.71 in 1953, an increase of $40.48 or 182 p.c. as compared with 1939. Average hourly earnings advanced from 46.2 cents in 1939 to $1.47 in 1953, an increase of 218 p.c. Annual earnings at $3,082 were 187 p.c. higher.

Female production workers received on an average $35.07 per week in 1953, an increase of $22.29 or 174 p.c. since 1939. Hourly earnings at 91 cents were 221 p.c. higher, while annual earnings at $1,723 were 178 p.c. higher.

The following table gives the weekly and hourly earnings of male and female production workers for each province and major industrial group for the year 1953.

For the method used in calculating average annual earnings for male and female production workers separately, see text preceding Table 38.

Average Weekly and Hourly Earnings of Male and Female Production Workers, by Provinces and Industrial Groups, 1953

Province and Industrial Group	Male earnings		Female earnings	
	Weekly	Hourly	Weekly	Hourly
	$	$	$	$
Provinces				
Newfoundland	60.50	1.38	20.13	0.54
Prince Edward Island	42.94	0.93	24.02	0.54
Nova Scotia	53.15	1.27	23.45	0.57
New Brunswick	54.48	1.24	26.51	0.72
Quebec	59.72	1.35	32.67	0.85
Ontario	65.00	1.55	37.74	0.98
Manitoba	59.21	1.42	31.98	0.84
Saskatchewan	58.73	1.41	37.62	1.00
Alberta	61.66	1.48	38.45	1.01
British Columbia	68.10	1.71	38.28	1.05
Canada	**62.71**	**1.47**	**35.07**	**0.91**
Industrial Group				
Foods and beverages	56.52	1.28	32.31	0.83
Tobacco and tobacco products	61.69	1.48	46.99	1.18
Rubber products	64.74	1.53	41.73	1.08
Leather products	45.27	1.14	28.18	0.77
Textile products (except clothing)	49.28	1.17	35.34	0.91
Clothing (textile and fur)	53.33	1.31	30.94	0.83
Wood products	54.36	1.24	38.35	0.95
Paper products	70.77	1.61	35.77	0.89
Printing, publishing and allied industries	71.65	1.76	34.06	0.90
Iron and steel products	66.10	1.57	44.20	1.12
Transportation equipment	66.11	1.58	47.00	1.23
Non-ferrous metal products	66.59	1.60	36.30	0.91
Electrical apparatus and supplies	67.24	1.58	46.05	1.15
Non-metallic mineral products	62.26	1.39	38.03	0.93
Products of petroleum and coal	77.17	1.85	–	–
Chemicals and allied products	63.57	1.48	35.63	0.90
Miscellaneous industries	56.37	1.29	34.17	0.85

TABLE 35. Average Annual, Weekly and Hourly Earnings of Production Workers, Employed in the Manufacturing Industries, 1934-53

Note. Butter and cheese factories and fish curing and packing plants are excluded in the years 1938 to 1945, while sawmills are also excluded in 1945. By including sawmills, weekly earnings in 1945 would have been about $34.35 for male wage-earners.

Year	All production workers			Male workers			Female workers		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	$	$	$	$	$	$	$	$	$
1934	830	18.30	0.372	930	20.31	0.407[1]	539	11.80	0.251[1]
1935	870	18.50	0.380	966	20.41	0.413[1]	570	12.04	0.259[1]
1936	896	18.96	0.389	995	20.92	0.423[1]	577	12.20	0.262[1]
1937	965	[2]	[2]	[2]	[2]	[2]	[2]	[2]	[2]
1938	956	19.49	0.417	1,055	21.49	0.454	594	12.10	0.271
1939	975	20.14	0.427	1,076	22.23	0.462	619	12.78	0.283
1940	1,084	22.35	0.446	1,202	24.82	0.488	655	13.52	0.286
1941	1,220	24.95	0.494	1,355	27.72	0.538	736	15.05	0.316
1942	1,383	28.18	0.561	1,558	31.75	0.619	854	17.41	0.371
1943	1,525	29.87	0.612	1,726	33.80	0.671	987	19.33	0.431
1944	1,564	31.05	0.654	1,761	34.95	0.712	1,051	20.89	0.479
1945	1,538	30.98	0.669	1,739	35.04	0.736	984	19.84	0.465
1946[3]	1,516	32.38	0.741	1,702	36.23	0.807	943	20.08	0.502
1947[3]	1,713	37.19	0.851	1,909	41.35	0.921	1,067	23.11	0.582
1948[3]	1,960	41.25	0.946	2,175	45.73	1.023	1,233	25.91	0.651
1949[3]	2,067	42.61	0.984	2,291	47.33	1.066	1,315	27.18	0.683
1950[3]	2,183	45.94	1.056	2,419	50.93	1.142	1,376	29.00	0.725
1951[3]	2,434	51.32	1.222	2,693	56.46	1.313	1,492	31.27	0.825
1952[3]	2,647	55.17	1.295	2,915	60.85	1.402	1,638	34.17	0.863
1953[3]	2,792	56.75	1.359	3,082	62.71	1.471	1,723	35.07	0.910

1. Estimated on the basis of hours worked by female workers in 1938 and 1939 as compared with those worked by male workers in those years.
2. Not available.
3. Prior to 1946 the figures refer to week of highest employment and cover all establishments while for 1946 and 1947 they refer to the last week in November and for 1949 to 1952 the last week in October for establishments employing 15 hands and over only.

TABLE 36. Average Annual, Weekly and Hourly Earnings of Production Workers in the Manufacturing Industries, by Provinces, 1946-53

(Statistics for the years 1938-45 are published on page 60 of the 1950 General Review of the Manufacturing Industries of Canada)

Province and Year	All production workers			Male workers			Female workers		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	$	$	cents	$	$	cents	$	$	cents
Newfoundland									
1949[1]	2,392	—	—	—	—	—	—	—	—
1950	2,626	46.52	99.2	2,919	50.85	106.6	1,016	17.72	42.3
1951[2]	2,350	52.37	115.1	2,613	56.80	123.2	852	18.51	45.7
1952	2,479	54.42	123.4	2,705	58.78	131.8	903	19.62	48.8
1953	2,549	57.11	132.1	2,735	60.50	138.2	911	20.13	53.8
Prince Edward Island:									
1946	911	21.51	46.2	1,097	25.42	54.2	555	12.87	28.6
1947	976	24.75	54.6	1,131	28.01	59.6	613	15.19	37.7
1948	1,149	27.66	60.4	1,317	30.68	65.7	715	16.66	39.1
1949	1,145	29.76	62.4	1,323	33.96	70.6	718	18.45	39.6
1950	1,220	30.36	69.0	1,456	35.97	78.2	667	16.46	42.0
1951	1,312	34.10	74.3	1,521	38.33	82.6	808	20.34	45.8
1952	1,455	43.53	96.3	1,719	48.13	104.4	801	22.41	54.8
1953	1,616	38.07	83.1	1,846	42.94	93.0	1,032	24.02	53.8
Nova Scotia:									
1946	1,398	31.44	68.8	1,502	33.90	73.7	762	17.18	39.4
1947	1,461	34.58	75.5	1,584	37.47	81.1	744	17.62	40.6
1948	1,680	37.74	82.4	1,810	40.66	88.4	901	20.25	45.5
1949	1,810	39.56	88.9	1,959	42.87	95.7	911	19.94	46.8
1950	1,852	39.74	88.7	2,002	42.98	95.5	973	20.89	47.8
1951	2,024	44.77	103.4	2,179	48.30	111.3	998	22.14	51.6
1952	2,187	46.89	110.6	2,349	50.41	118.9	1,113	23.89	56.2
1953	2,313	49.27	118.3	2,494	53.15	127.4	1,100	23.45	56.9

TABLE 36. Average Annual, Weekly and Hourly Earnings of Production Workers in the Manufacturing Industries, by Provinces, 1946-53 – Concluded

(Statistics for the years 1938-45 are published on page 60 of the 1950 General Review of the Manufacturing Industries of Canada)

Province and Year	All production workers			Male workers			Female workers		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	$	$	cents	$	$	cents	$	$	cents
New Brunswick:									
1946	1,390	30.54	66.4	1,528	33.58	71.9	781	17.16	40.0
1947	1,570	33.55	73.9	1,714	37.05	79.5	890	19.22	47.7
1948	1,741	38.03	83.5	1,915	41.55	88.4	1,015	22.04	52.6
1949	1,823	38.64	85.1	1,983	42.18	90.9	1,114	23.71	57.4
1950	1,865	40.68	90.4	2,035	44.45	96.0	1,099	24.01	61.1
1951	2,087	46.87	105.8	2,275	51.42	113.0	1,188	26.86	68.7
1952	2,201	48.33	109.6	2,376	52.19	116.5	1,340	29.42	72.1
1953	2,326	49.93	117.0	2,534	54.48	124.4	1,234	26.51	71.6
Quebec:									
1946	1,445	30.51	67.2	1,660	34.95	74.2	926	19.49	47.3
1947	1,601	34.82	76.7	1,830	39.66	84.2	1,016	22.02	54.1
1948	1,829	38.60	85.4	2,077	43.80	93.6	1,190	25.11	61.4
1949	1,907	39.61	89.0	2,171	45.19	97.6	1,246	25.93	64.5
1950	1,995	42.21	94.0	2,273	48.15	103.1	1,305	27.65	68.1
1951	2,216	47.26	109.9	2,528	53.58	119.6	1,385	29.37	77.7
1952	2,413	50.64	115.1	2,741	57.74	126.9	1,519	32.00	79.8
1953	2,558	52.48	122.5	2,911	59.72	134.5	1,592	32.67	84.8
Ontario:									
1946	1,552	33.26	77.7	1,738	37.09	84.3	963	20.53	52.9
1947	1,792	38.57	89.7	1,988	42.70	96.6	1,153	24.13	62.2
1948	2,060	42.86	99.9	2,273	47.10	107.3	1,300	26.92	69.2
1949	2,187	44.34	103.6	2,405	48.88	111.6	1,400	28.45	72.2
1950	2,328	48.46	112.7	2,560	53.33	121.2	1,472	30.69	77.7
1951	2,602	53.87	129.5	2,848	58.60	138.2	1,635	33.66	88.8
1952	2,840	58.27	138.4	3,094	63.60	148.6	1,788	36.78	93.6
1953	2,980	59.34	143.5	3,257	65.00	154.6	1,892	37.74	97.5
Manitoba:									
1946	1,491	31.16	72.8	1,662	34.51	78.8	949	19.72	49.8
1947	1,634	35.59	82.0	1,818	39.20	88.1	1,049	22.63	57.0
1948	1,833	39.22	91.0	2,042	43.48	98.6	1,144	24.35	61.5
1949	1,900	41.06	94.6	2,114	45.39	102.0	1,222	26.24	66.1
1950	2,013	43.73	100.3	2,234	48.30	108.3	1,276	27.56	68.9
1951	2,270	48.46	116.5	2,532	53.21	125.5	1,382	29.07	75.7
1952	2,443	51.17	123.0	2,698	56.34	133.5	1,562	32.63	82.2
1953	2,619	53.48	130.8	2,925	59.21	142.0	1,580	31.98	84.4
Saskatchewan:									
1946	1,455	32.78	74.5	1,531	34.11	77.0	1,007	22.45	54.5
1947	1,643	36.63	84.5	1,726	39.16	87.5	1,106	25.10	62.3
1948	1,916	40.12	93.3	2,022	42.12	96.6	1,252	26.09	66.9
1949	2,042	41.34	97.5	2,142	43.33	101.0	1,384	27.99	71.4
1950	2,115	43.71	103.1	2,217	45.58	106.5	1,419	29.17	74.6
1951	2,363	49.18	118.8	2,473	51.58	123.4	1,568	32.69	84.7
1952	2,609	52.87	127.7	2,730	55.30	132.3	1,753	35.52	91.3
1953	2,785	56.33	136.9	2,909	58.73	141.2	1,865	37.62	99.5
Alberta:									
1946	1,477	32.40	75.0	1,582	34.50	79.3	981	21.38	51.4
1947	1,657	36.81	84.2	1,758	39.07	88.6	1,136	25.25	60.4
1948	1,890	41.35	95.5	2,005	43.80	100.0	1,251	27.31	67.1
1949	2,025	43.80	100.7	2,137	46.01	104.8	1,385	29.83	73.3
1950	2,113	44.86	105.3	2,223	47.09	109.5	1,445	30.61	77.1
1951	2,323	50.39	122.0	2,449	52.83	127.0	1,531	33.04	85.6
1952	2,518	55.10	133.1	2,653	58.30	138.8	1,661	36.48	95.5
1953	2,718	58.43	141.7	2,864	61.66	147.7	1,787	38.45	100.9
British Columbia:									
1946	1,750	36.83	89.4	1,956	39.01	94.0	1,156	23.05	58.8
1947	1,934	41.55	103.6	2,045	43.55	107.8	1,229	26.19	68.2
1948	2,182	46.02	114.2	2,298	48.27	118.9	1,360	28.58	75.2
1949	2,282	47.36	118.1	2,410	49.82	123.0	1,381	28.57	76.8
1950	2,393	50.73	126.2	2,522	53.34	131.7	1,458	30.84	81.6
1951	2,723	58.65	150.0	2,871	61.70	156.2	1,599	34.36	95.7
1952	2,975	62.21	158.3	3,127	65.35	164.6	1,776	37.11	102.5
1953	3,108	64.76	164.1	3,277	68.10	170.9	1,842	38.28	105.1
Yukon and Northwest Territories [1]:									
1946	2,249	–	–	–	–	–	–	–	–
1947	2,152	–	–	–	–	–	–	–	–
1948	2,824	–	–	–	–	–	–	–	–
1949	2,502	–	–	–	–	–	–	–	–
1950	2,523	–	–	–	–	–	–	–	–
1951	2,686	–	–	–	–	–	–	–	–
1952	3,366	–	–	–	–	–	–	–	–
1953	3,331	–	–	–	–	–	–	–	–

1. Dash indicates that the information is not available.

2. The average annual earnings are calculated on the basis of the total amount paid during the year as reported to census of industry, while the weekly earnings are based on an analysis of the pay-list for the last week in October and only cover establishments employing 15 hands or over The drop in the average annual earnings is due in part to these factors as well as to the fact that in 1951 statistics for the processing of fish in Newfoundland were included with manufactures for the first time. As this is a seasonal industry annual earnings are, therefore, lower. In 1951 average annual earnings of production workers for both sexes for this industry averaged $1,151 as compared with $2,806 for the other industries of the province.

TABLE 37. Average Annual, Weekly and Hourly Earnings of Production Workers in the Manufacturing Industries, by Industrial Groups, 1946-53

Group and Year	All production workers			Male workers			Female workers		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	$	$	cents	$	$	cents	$	$	cents
Foods and beverages:									
1946	–	29.15	66.4	–	33.09	72.4	–	18.27	47.1
1947	–	33.87	76.8	–	38.45	83.4	–	21.04	54.5
1948	1,718	36.56	83.1	1,945	41.68	90.8	1,064	22.31	58.8
1949	1,817	38.45	86.8	2,046	43.98	95.2	1,140	24.51	62.2
1950	1,914	39.99	91.3	2,159	45.84	100.3	1,194	25.35	65.0
1951	2,113	44.79	103.2	2,371	50.67	112.6	1,370	29.29	75.1
1952	2,285	47.75	110.8	2,564	54.36	121.6	1,467	31.12	79.6
1953	2,393	49.47	116.2	2,687	56.52	128.1	1,537	32.31	83.3
Tobacco and tobacco products:									
1946	–	23.85	55.6	–	30.06	65.9	–	20.37	49.2
1947	–	27.37	65.0	–	34.63	77.3	–	23.43	57.7
1948	1,717	35.53	83.6	2,105	44.15	98.1	1,488	31.23	75.8
1949	1,882	38.63	88.6	2,258	46.74	102.5	1,662	34.42	80.8
1950	2,011	40.92	98.6	2,361	48.33	112.4	1,799	36.83	90.5
1951	2,279	51.75	124.7	2,657	60.49	138.1	2,030	46.24	115.6
1952	2,526	50.96	124.9	2,975	60.24	141.4	2,231	45.18	113.8
1953	2,580	52.43	129.5	3,025	61.69	147.5	2,305	46.99	118.4
Rubber products:									
1946	–	36.78	82.1	–	41.09	90.1	–	23.96	56.7
1947	–	40.07	91.7	–	44.43	100.3	–	27.17	65.0
1948	2,108	45.22	104.2	2,338	49.84	112.5	1,481	31.17	76.4
1949	2,138	43.36	102.6	2,353	47.68	111.4	1,520	30.80	75.3
1950	2,326	48.83	112.0	2,563	53.97	122.1	1,625	34.23	81.9
1951	2,622	54.69	132.1	2,861	59.77	142.3	1,848	38.59	97.7
1952	2,858	58.04	137.2	3,117	63.60	148.6	2,039	41.62	102.5
1953	2,981	59.08	142.8	3,259	64.74	153.1	2,102	41.73	108.0
Leather products:									
1946	–	25.03	58.9	–	29.85	68.0	–	18.11	44.6
1947	–	28.25	68.9	–	33.51	79.4	–	20.11	51.3
1948	1,428	30.22	73.7	1,684	35.57	84.7	1,054	22.28	56.4
1949	1,528	30.84	76.9	1,807	36.39	88.1	1,131	22.77	59.3
1950	1,562	32.80	81.2	1,850	38.96	93.2	1,149	24.20	62.7
1951	1,684	33.61	89.4	1,992	39.71	102.6	1,251	24.95	69.3
1952	1,890	38.38	93.6	2,218	46.04	109.1	1,371	28.45	72.2
1953	1,928	37.90	98.4	2,310	45.27	113.6	1,437	28.18	76.7
Textile products (except clothing):									
1946	–	24.13	55.1	–	28.33	60.8	–	19.87	48.1
1947	–	30.08	67.6	–	34.64	74.5	–	23.59	56.7
1948	1,707	34.10	76.8	1,946	38.93	83.9	1,349	26.98	65.0
1949	1,830	36.93	82.8	2,068	41.67	89.8	1,458	29.39	70.3
1950	1,909	39.38	88.1	2,141	44.17	95.4	1,527	31.49	74.8
1951	2,046	40.00	99.0	2,292	44.81	106.7	1,627	31.82	84.4
1952	2,223	45.68	105.0	2,477	50.73	113.5	1,788	36.63	88.9
1953	2,278	44.20	107.6	2,545	49.28	116.5	1,825	35.34	90.8
Clothing (textile and fur):									
1946	–	25.38	61.9	–	34.54	77.1	–	19.81	51.2
1947	–	26.92	67.8	–	39.17	91.3	–	21.81	56.8
1948	1,465	30.16	75.2	2,065	42.64	100.1	1,198	24.73	63.4
1949	1,542	30.46	77.7	2,170	43.31	104.1	1,261	25.17	65.9
1950	1,588	32.64	81.4	2,242	46.35	108.8	1,294	26.75	68.6
1951	1,691	33.21	90.5	2,383	47.14	121.5	1,380	27.28	76.2
1952	1,812	37.39	93.7	2,579	54.06	127.2	1,473	30.85	79.5
1953	1,886	37.15	97.3	2,667	53.33	131.4	1,547	30.94	83.0
Wood products:									
1946	–	30.94	68.6	–	31.73	69.9	–	21.02	50.9
1947	–	35.24	80.1	–	35.98	81.4	–	24.20	59.9
1948	1,727	39.16	89.0	1,758	40.00	90.5	1,199	27.30	66.9
1949	1,836	40.40	91.6	1,869	41.20	93.0	1,256	27.69	68.2
1950	1,925	43.61	98.9	1,957	44.48	100.4	1,335	30.34	74.0
1951	2,136	48.18	112.3	2,166	48.98	113.9	1,525	34.47	84.9
1952	2,279	51.86	118.4	2,312	52.80	120.0	1,637	37.36	90.9
1953	2,399	53.40	122.0	2,435	54.36	123.6	1,717	38.35	95.0
Paper products:									
1946	–	36.97	78.5	–	40.20	83.4	–	18.94	46.2
1947	–	44.04	93.3	–	47.38	98.5	–	22.36	54.0
1948	2,431	49.09	104.0	2,616	52.42	109.2	1,248	24.99	60.5
1949	2,535	49.74	105.6	2,721	53.31	111.3	1,350	26.44	63.1
1950	2,709	54.15	114.0	2,906	57.77	119.6	1,444	28.71	68.2
1951	3,130	63.98	137.6	3,347	67.87	143.8	1,630	33.05	80.8
1952	3,294	64.27	142.5	3,499	67.89	149.2	1,774	34.40	82.7
1953	3,434	66.85	153.4	3,648	70.77	160.8	1,842	35.77	89.4
Printing, publishing and allied industries:									
1946	–	34.57	82.3	–	40.53	93.6	–	18.71	48.6
1947	–	38.47	93.6	–	44.77	106.1	–	21.15	55.5
1948	2,082	42.90	104.9	2,395	49.52	117.9	1,109	22.94	60.7
1949	2,239	47.19	115.1	2,550	53.59	128.2	1,221	25.66	67.0
1950	2,413	50.30	124.5	2,747	57.64	139.9	1,277	26.80	70.7
1951	2,575	54.24	135.6	2,917	61.87	152.4	1,374	29.11	76.6
1952	2,818	59.64	149.1	3,179	67.84	167.1	1,500	32.00	84.2
1953	3,058	63.10	157.6	3,446	71.65	176.2	1,637	34.06	89.8

TABLE 37. Average Annual, Weekly and Hourly Earnings of Production Workers in the Manufacturing Industries, by Industrial Groups, 1946-53 — Concluded

Group and Year	All production workers			Male workers			Female workers		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	$	$	cents	$	$	cents	$	$	cents
Iron and steel products:									
1946	—	36.87	82.3	—	37.89	84.2	—	22.11	52.9
1947	—	41.85	92.9	—	42.99	94.9	—	26.33	63.3
1948	2,257	46.64	104.1	2,305	47.61	105.8	1,443	29.83	71.7
1949	2,401	48.05	110.2	2,445	48.94	112.0	1,597	31.96	77.0
1950	2,534	52.23	118.7	2,581	53.13	120.6	1,665	34.28	82.8
1951	2,933	58.86	138.5	2,986	59.95	140.4	1,885	39.16	98.4
1952	3,109	63.09	147.4	3,159	64.05	149.3	2,088	42.35	105.6
1953	3,267	65.02	154.4	3,322	66.10	156.5	2,222	44.20	111.5
Transportation equipment:									
1946	—	39.85	94.2	—	40.45	95.4	—	24.99	62.0
1947	—	44.75	102.6	—	45.27	103.6	—	30.51	74.6
1948	2,419	48.90	113.2	2,442	49.33	114.2	1,687	34.07	83.7
1949	2,465	50.54	117.8	2,494	51.08	118.8	1,706	34.93	88.2
1950	2,647	55.06	125.7	2,680	55.67	126.8	1,825	37.91	94.3
1951	2,867	58.18	138.2	2,895	58.66	139.0	2,096	42.45	109.7
1952	3,095	64.13	151.6	3,127	64.66	152.5	2,201	45.51	118.2
1953	3,406	65.45	157.2	3,438	66.11	158.2	2,444	47.00	123.3
Non-ferrous metal products:									
1946	—	35.51	80.7	—	37.78	84.9	—	20.90	51.1
1947	—	40.79	92.5	—	42.91	96.2	—	24.91	61.8
1948	2,251	45.26	103.1	2,350	47.45	107.1	1,349	27.23	66.9
1949	2,419	48.26	108.7	2,521	50.26	112.7	1,437	28.63	68.5
1950	2,516	50.34	113.9	2,619	52.51	118.0	1,490	29.88	72.0
1951	2,866	57.56	137.7	2,979	59.68	142.1	1,618	32.40	81.0
1952	3,131	62.35	148.1	3,250	64.52	152.9	1,771	35.18	85.8
1953	3,277	64.43	155.2	3,399	66.59	159.9	1,852	36.30	91.2
Electrical apparatus and supplies:									
1946	—	32.39	77.3	—	36.34	85.1	—	24.38	60.5
1947	—	39.11	91.8	—	43.28	99.5	—	30.04	73.8
1948	2,125	44.06	105.4	2 319	48.01	112.7	1 614	33.42	84.6
1949	2,288	46.10	109.5	2,493	50.38	117.7	1,740	35.18	87.3
1950	2,414	49.90	117.7	2,649	55.03	127.1	1,788	37.14	92.4
1951	2,673	56.03	135.0	2,932	61.24	144.1	1,982	41.41	107.0
1952	2,929	59.28	140.8	3,181	64.59	150.9	2,201	44.67	111.4
1953	2,994	60.65	145.1	3,298	67.24	158.0	2,259	46.05	114.8
Non-metallic mineral products:									
1946	—	32.78	71.1	—	34.11	73.2	—	21.97	52.3
1947	—	38.93	83.9	—	40.20	85.9	—	27.75	63.8
1948	2,080	43.20	93.1	2,138	44.46	95.0	1,443	30.00	70.1
1949	2,193	45.22	98.3	2,252	46.45	100.1	1,540	31.10	74.4
1950	2,338	48.72	105.0	2,408	50.26	107.4	1,500	31.32	75.3
1951	2,616	54.77	121.7	2,699	56.31	124.3	1,646	34.33	85.4
1952	2,842	58.27	129.2	2,931	60.20	132.3	1,750	35.94	89.4
1953	2,990	60.28	135.8	3,084	62.26	139.2	1,884	38.03	92.9
Products of petroleum and coal:									
1946	—	37.88	90.4	—	38.01	90.5	—	—	—
1947	—	44.02	104.6	—	44.06	104.7	—	—	—
1948	2,435	50.14	119.1	2,445	50.18	119.2	1,345	—	—
1949	2,602	52.54	125.4	2,613	52.58	125.5	1,435	—	—
1950	2,776	56.00	135.6	2,787	56.09	135.8	1,532	—	—
1951	3,172	67.15	162.2	3,181	67.32	162.6	1,750	—	—
1952	3,595	72.33	174.3	3,607	72.50	174.7	1,984	—	—
1953	3,729	76.96	184.8	3,739	77.17	185.2	2,056	—	—
Chemicals and allied products:									
1946	—	32.46	73.1	—	35.97	79.4	—	19.35	47.2
1947	—	37.14	84.8	—	40.90	91.5	—	21.99	54.7
1948	2,029	41.05	93.3	2,227	45.03	100.3	1,223	24.72	61.2
1949	2,194	43.28	97.7	2,404	47.40	105.1	1,334	26.32	64.5
1950	2,325	46.52	107.2	2,541	50.54	114.6	1,410	28.07	70.0
1951	2,612	52.78	123.6	2,845	57.03	131.7	1,579	31.64	79.9
1952	2,827	56.56	133.7	3,073	61.20	143.0	1,718	34.21	86.4
1953	2,995	58.72	138.9	3,255	63.57	148.3	1,823	35.63	90.2
Miscellaneous industries:									
1946	—	26.94	62.8	—	30.91	70.4	—	19.43	47.4
1947	—	31.18	73.7	—	35.75	81.8	—	22.67	57.1
1948	1,652	33.84	80.0	1,920	39.33	90.2	1,244	25.49	63.1
1949	1,718	35.14	82.1	2,006	41.38	93.4	1,292	26.66	65.5
1950	1,803	38.01	88.8	2,106	44.48	100.4	1,365	28.83	71.0
1951	2,063	41.63	99.6	2,411	48.93	113.0	1,529	31.01	78.5
1952	2,186	44.05	103.9	2,574	52.98	119.6	1,555	32.00	80.4
1953	2,343	47.47	112.4	2,760	56.37	128.8	1,673	34.17	85.4

Note: Average annual earnings cannot be calculated without a recompilation of the figures for 1946 and 1947 on the new standard classification basis.

Average Annual, Weekly and Hourly Earnings of Supervisory and Office Employees. Beginning with 1946 the survey on weekly earnings and hours worked by production workers was expanded to include office employees as well. The survey covers establishments employing 15 hands or over and refers to the last week in November for 1946 and 1947, and to the last week in October for 1948-53. Earnings and hours worked are reported for male and female workers separately in 13 groups of hours, ranging from 30 hours or less to 65 hours or more. The earnings reported for the week is the gross amount paid before deductions for income tax, unemployment insurance, etc. Weekly and hourly earnings as well as the hours worked are thus obtained directly from the tabulated results of the establishments covered. The annual earnings, however, have to be calculated as they are not directly obtained from the survey. To calculate annual earnings the results on weekly earnings are correlated with the results obtained through the annual Census of Industry. The following case will illustrate the method used.

In 1949 the paper products group, according to the annual census of industry, reported 9,077 male and 3,573 female office employees with total payments of $46,537,336. From the October survey on weekly earnings this group showed $77.41 per week for male and $34.88 per week for female office employees. The proportion of female to male earnings is therefore .451 $\left(\frac{\$34.88}{\$77.41}\right)$ Female employees are first reduced to a male basis and the calculation is then as follows:

Annual Earnings of Male Employees

$$\frac{\$46,537,336}{9,077 + .451\ (3,573)} = \frac{\$46,537,336}{10,688} = \$4,354$$

Annual Farnings of Female Employees

$$\$4,354 \times .451 = \$1,964$$

In the foregoing calculation the assumption is made that annual earnings of male and female employees vary in the same proportion as their weekly earnings. In the above illustration it may also be noted that the calculated annual earnings for male employees amounting to $4,354 are higher than the weekly earnings multiplied by 52 which total only $4,025 ($77.41 x 52). This difference is due to the fact that the earnings reported to the Census of Industry include payments to executives as well as bonuses to employees which are usually paid at the end of the year, while the earnings reported for the one week in the year exclude such payments.

It is the intention in future to alternate the system of classifying employees. One year the basis will be the hours worked per week and the following year it will be on the basis of the earnings per week. Information will thus be made available on both the number of hours worked as well as the range of weekly earnings of employees engaged in manufacturing.

Annual earnings of male office employees in 1953 averaged $4,327, weekly earnings $86.43 and hourly earnings $2.19. For female office employees annual earnings averaged $2,159, weekly earnings $43.13 and hourly earnings $1.14. Average annual earnings of all office employees totalled $3,707 in 1953, an increase of 63 p.c. since 1946. Weekly earnings at $73.87 were 68 p.c. higher and hourly earnings at $1.89 were 78 p.c. higher.

The following table gives the weekly and hourly earnings of male and female office employees for each province and major industrial group for the year 1953.

Average Weekly and Hourly Earnings of Male and Female Supervisory and Office Employees by Provinces and Industrial Groups, 1953

Province and Industrial Group	Male earnings		Female earnings	
	Weekly	Hourly	Weekly	Hourly
	$	$	$	$
Province				
Newfoundland	78.07	1.86	34.44	0.84
Prince Edward Island	64.81	1.58	31.15	0.79
Nova Scotia	72.01	1.76	35.48	0.91
New Brunswick	73.48	1.79	35.25	0.87
Quebec	84.12	2.12	42.33	1.12
Ontario	89.28	2.28	44.23	1.18
Manitoba	76.47	1.90	37.98	0.98
Saskatchewan	71.66	1.74	40.16	1.02
Alberta	79.64	1.97	42.05	1.08
British Columbia	89.70	2.26	43.84	1.14
Canada	**86.43**	**2.19**	43.13	**1.14**
Industrial group				
Foods and beverages	78.32	1.93	41.55	1.08
Tobacco and tobacco products	86.27	2.31	49.05	1.32
Rubber products	82.25	2.10	41.84	1.10
Leather products	73.25	1.80	37.24	0.98
Textile products (except clothing)	84.77	2.09	40.87	1.07
Clothing (textile and fur)	78.81	1.94	40.18	1.05
Wood products	81.52	1.94	40.28	1.05
Paper products	102.39	2.67	45.92	1.24
Printing, publishing and allied industries	78.01	2.09	40.95	1.11
Iron and steel products	86.02	2.19	42.71	1.14
Transportation equipment	90.20	2.24	45.93	1.18
Non-ferrous metal products	93.16	2.34	44.44	1.18
Electrical apparatus and supplies	87.17	2.25	45.04	1.19
Non-metallic mineral products	85.84	2.15	43.36	1.17
Products of petroleum and coal	111.87	2.98	52.95	1.46
Chemicals and allied products	88.12	2.29	44.90	1.19
Miscellaneous industries	84.11	2.14	42.08	1.11

TABLE 38. Average Annual, Weekly and Hourly Earnings of Supervisory and Office Workers Employed in the Manufacturing Industries, 1946-53

Year	All employees			Male employees			Female employees		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	$	$	$	$	$	$	$	$	$
1946	2,270	43.85	1.067	—	53.21	1.267	—	25.91	0.656
1947	2,484	49.78	1.232	—	60.21	1.461	—	28.68	0.737
1948	2,687	52.91	1.313	3,147	63.47	1.544	1,551	31.26	0.805
1949	2,836	54.85	1.368	3,317	65.37	1.602	1,655	32.62	0.845
1950	2,998	58.74	1.480	3,507	69.35	1.725	1,739	34.38	0.895
1951	3,296	65.98	1.670	3,852	77.55	1.939	1,907	38.42	1.006
1952	3,513	70.75	1.796	3,985	82.60	2.070	2,323	41.26	1.086
1953	3,707	73.87	1.894	4,327	86.43	2.188	2,159	43.13	1.138

TABLE 39. Average Annual, Weekly and Hourly Earnings of Supervisory and Office Employees in the Manufacturing Industries, by Provinces, 1946-53

Year and Province	All employees			Male employees			Female employees		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	$	$	cents	$	$	cents	$	$	cents
Newfoundland:									
1950	1,921	54.95	128.9	2,087	63.33	146.7	868	26.55	66.6
1951	2,383	62.04	144.3	2,604	70.71	163.3	1,135	30.80	73.3
1952	2,345	62.62	146.7	2,529	71.47	166.2	1,275	31.55	76.4
1953	2,403	68.54	164.0	2,620	78.07	185.9	1,554	34.44	84.0
Prince Edward Island:									
1950	1,571	40.35	98.4	1,747	48.55	118.5	896	24.92	60.6
1951	1,715	46.90	108.1	1,918	55.98	126.4	917	26.75	64.8
1952	1,909	49.63	120.2	2,117	59.33	142.3	1,050	29.40	72.4
1953	2,009	53.69	132.6	2,260	64.81	158.1	1,087	31.15	78.5
Nova Scotia:									
1946	—	39.89	92.5	—	46.36	106.2	—	23.54	57.8
1947	—	45.34	108.2	—	53.44	125.4	—	25.67	64.2
1948	2,036	48.42	116.1	2,292	56.49	133.2	1,107	27.29	68.4
1949	2,179	50.47	124.6	2,455	59.45	145.3	1,169	28.29	71.4
1950	2,335	52.55	128.8	2,635	61.20	149.3	1,257	29.18	72.8
1951	2,500	58.43	140.1	2,821	67.83	160.4	1,329	31.95	79.5
1952	2,653	60.30	142.6	2,936	68.54	158.7	1,691	34.74	87.3
1953	2,775	62.82	155.1	3,122	72.01	176.1	1,539	35.48	90.5
New Brunswick:									
1946	—	40.33	93.3	—	48.25	108.9	—	22.68	55.4
1947	—	44.59	102.3	—	53.56	120.1	—	24.78	60.1
1948	2,204	46.70	109.3	2,516	55.94	127.7	1,208	26.86	66.5
1949	2,233	48.42	113.1	2,568	57.64	131.6	1,243	27.88	68.6
1950	2,404	51.60	122.9	2,774	61.40	142.8	1,298	28.71	72.5
1951	2,757	57.65	137.9	3,175	68.64	161.1	1,467	31.72	79.1
1952	2,910	61.83	149.0	3,258	71.50	169.4	1,867	35.44	89.7
1953	3,096	62.96	153.9	3,564	73.48	178.8	1,711	35.25	86.8
Quebec:									
1946	—	44.57	107.4	—	53.30	125.4	—	26.63	67.2
1947	—	49.45	121.8	—	59.09	143.1	—	28.95	74.0
1948	2,699	52.39	129.0	3,119	62.20	150.2	1,581	31.52	80.8
1949	2,812	54.66	135.3	3,256	64.41	156.7	1,670	33.05	85.2
1950	2,981	58.10	146.0	3,461	68.13	168.2	1,747	34.41	89.6
1951	3,241	64.67	162.9	3,769	75.77	188.0	1,858	37.32	98.0
1952	3,482	68.88	174.4	3,929	79.92	199.8	2,310	40.52	106.1
1953	3,670	72.23	184.3	4,260	84.12	211.9	2,143	42.33	111.7
Ontario:									
1946	—	43.82	108.2	—	54.19	131.2	—	25.87	66.0
1947	—	50.46	126.1	—	62.01	152.0	—	28.84	75.0
1948	2,816	53.63	134.7	3,373	65.20	160.5	1,626	31.40	81.8
1949	2,990	55.32	139.3	3,563	66.81	165.4	1,746	32.74	85.5
1950	3,150	59.81	152.2	3,749	71.40	179.4	1,830	34.84	91.4
1951	3,489	67.29	172.5	4,135	79.67	201.7	2,051	39.49	104.2
1952	3,691	72.73	186.5	4,236	85.77	216.6	2,461	42.24	112.0
1953	3,892	75.69	195.6	4,609	89.28	227.8	2,281	44.23	117.6

TABLE 39. Average Annual, Weekly and Hourly Earnings of Supervisory and Office Employees in the Manufacturing Industries, by Provinces, 1946-53 — Concluded

Year and Province	All employees			Male employees			Female employees		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	$	$	$	$	$	cents	$	$	cents
Manitoba									
1946	—	41.46	97.1	—	48.93	113.0	—	23.76	57.8
1947	—	46.07	110.5	—	54.62	129.4	—	26.07	64.5
1948	2,563	49.68	118.8	2,981	58.98	138.8	1,404	28.21	69.8
1949	2,729	52.98	128.3	3,150	62.19	148.4	1,534	30.30	75.9
1950	2,818	54.21	132.5	3,239	62.42	151.1	1,662	32.01	80.4
1951	3,050	60.57	150.3	3,519	70.20	173.3	1,756	35.06	88.5
1952	3,219	64.14	160.8	3,638	73.66	182.3	2,114	37.27	96.8
1953	3,419	66.35	166.3	3,955	76.47	190.2	1,966	37.98	97.9
Saskatchewan:									
1946	—	38.78	90.4	—	46.10	105.5	—	24.20	58.6
1947	—	41.95	99.6	—	50.47	117.4	—	25.90	63.2
1948	1,937	44.90	107.1	2,216	54.52	128.6	1,148	28.25	68.7
1949	2,085	45.18	107.0	2,364	53.23	124.6	1,300	29.30	71.3
1950	2,317	49.76	118.2	2,640	58.13	136.8	1,468	32.34	78.3
1951	2,444	56.35	136.4	2,764	64.97	156.2	1,584	37.25	91.1
1952	2,605	58.08	140.0	2,871	67.22	160.0	1,883	38.11	94.6
1953	2,809	61.30	150.6	3,167	71.66	173.5	1,774	40.16	101.9
Alberta:									
1946	—	39.34	91.7	—	46.30	106.2	—	23.66	57.0
1947	—	44.32	104.5	—	51.68	120.2	—	26.62	64.9
1948	2,122	48.20	113.4	2,382	55.81	129.2	1,239	29.04	71.3
1949	2,311	51.80	122.7	2,610	60.06	140.3	1,334	30.72	75.6
1950	2,454	55.05	133.3	2,777	62.62	150.2	1,441	32.47	81.6
1951	2,558	62.06	150.3	2,870	71.12	171.0	1,487	36.86	91.5
1952	2,888	67.20	165.9	3,183	76.73	187.6	1,919	40.55	102.9
1953	3,081	69.93	174.8	3,484	79.64	197.1	1,840	42.05	108.4
British Columbia:									
1946	—	46.59	111.2	—	54.10	127.6	—	27.36	67.4
1947	—	52.89	130.3	—	61.70	150.5	—	30.07	75.7
1948	2,522	56.38	138.8	2,835	65.16	158.9	1,451	33.40	84.5
1949	2,758	57.91	143.3	3,133	66.92	164.4	1,579	33.73	85.2
1950	2,871	60.83	152.5	3,242	69.77	173.6	1,637	35.23	90.3
1951	3,174	71.10	177.8	3,606	81.66	203.1	1,767	40.03	102.4
1952	3,414	74.54	188.2	3,785	84.76	211.9	2,131	42.00	109.7
1953	3,609	78.41	199.0	4,075	89.70	225.9	1,993	43.84	114.2

Note. Average annual earnings cannot be calculated without a recompilation of the figures for 1946 and 1947 on the new standard classification basis.

TABLE 40. Average Annual, Weekly and Hourly Earnings of Supervisory and Office Employees in the Manufacturing Industries, by Industrial Groups, 1946-53

Year and Group	All employees			Male employees			Female employees		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	$	$	cents	$	$	cents	$	$	cents
Foods and beverages:									
1946	—	41.33	97.9	—	49.90	115.5	—	24.62	61.1
1947	—	47.23	114.6	—	57.19	136.1	—	27.75	69.9
1948	2,384	52.01	125.6	2,792	62.62	147.0	1,348	30.24	76.7
1949	2,518	52.31	126.9	2,930	62.27	147.7	1,490	31.64	80.3
1950	2,693	55.06	134.6	3,129	64.05	154.3	1,608	32.92	83.8
1951	2,941	61.78	152.5	3,406	71.15	173.1	1,785	37.29	95.4
1952	3,103	64.68	159.7	3,500	73.74	179.4	2,145	39.65	102.5
1953	3,325	68.37	170.9	3,856	78.32	192.9	2,044	41.55	108.2
Tobacco and tobacco products:									
1946	—	39.94	96.7	—	51.45	122.2	—	25.17	62.3
1947	—	44.21	109.4	—	54.68	133.0	—	28.96	73.9
1948	2,863	52.47	130.5	3,412	64.94	159.1	1,836	34.92	88.8
1949	3,109	54.17	135.4	3,667	65.26	161.1	2,057	36.63	93.4
1950	3,256	57.86	150.7	3,821	67.18	174.0	2,247	39.48	104.2
1951	3,665	66.73	178.9	4,390	78.21	208.6	2,379	42.41	115.2
1952	3,922	68.33	182.2	4,408	78.96	209.4	3,055	47.34	127.3
1953	4,351	73.72	197.6	5,149	86.27	230.7	2,930	49.05	131.9
Rubber products:									
1946	—	44.97	111.3	—	54.64	133.6	—	25.17	64.2
1947	—	48.69	123.9	—	58.64	147.7	—	27.34	71.2
1948	2,800	51.84	132.2	3,333	61.95	156.0	1,606	29.88	78.2
1949	2,974	53.70	137.0	3,491	63.53	160.0	1,697	30.90	80.9
1950	3,070	58.09	146.7	3,597	67.97	169.5	1,759	33.26	86.4
1951	3,361	63.90	166.8	3,926	74.59	194.2	1,967	37.40	98.4
1952	3,572	67.63	174.8	3,999	78.53	200.8	2,415	40.87	107.8
1953	3,632	71.04	182.6	4,210	82.25	210.4	2,143	41.84	109.5

TABLE 40. Average Annual, Weekly and Hourly Earnings of Supervisory and Office Employees in the Manufacturing Industries, by Industrial Groups, 1946-53 – Continued

Year and Group	All employees			Male employees			Female employees		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	$	$	cents	$	$	cents	$	$	cents
Leather products:									
1946	–	37.93	88.0	–	45.12	101.4	–	23.66	58.7
1947	–	45.06	107.5	–	54.25	125.6	–	26.21	67.0
1948	2,898	47.20	114.0	3,409	56.83	133.7	1,684	28.08	71.6
1949	3,033	48.95	117.9	3,533	57.94	136.0	1,819	29.86	76.2
1950	3,103	51.36	124.7	3,640	61.26	145.2	1,838	30.92	78.9
1951	3,264	56.30	140.0	3,795	66.47	161.3	1,958	34.33	90.1
1952	3,396	58.74	145.4	3,864	69.22	168.0	2,326	35.35	92.1
1953	3,623	61.71	155.1	4,256	73.25	180.4	2,162	37.24	98.3
Textile products (except clothing):									
1946	–	48.08	115.8	–	59.30	139.2	–	27.07	68.7
1947	–	50.19	121.8	–	62.82	149.2	–	27.53	69.9
1948	3,111	53.32	130.0	3,856	66.48	157.9	1,742	30.02	76.6
1949	3,199	53.69	130.9	3,884	65.47	156.2	1,864	31.46	80.2
1950	3,369	58.61	145.8	4,134	71.48	174.8	1,914	33.08	85.5
1951	3,655	65.41	164.3	4,465	79.67	196.7	2,063	36.78	95.8
1952	3,700	68.65	174.2	4,313	82.79	207.0	2,480	39.50	103.1
1953	3,827	70.73	178.2	4,635	84.77	209.3	2,234	40.87	107.3
Clothing (textile and fur):									
1946	–	38.00	91.5	–	47.65	111.6	–	25.13	63.1
1947	–	44.91	110.1	–	57.75	137.5	–	28.30	72.2
1948	3,004	45.97	112.4	3,691	58.76	139.2	1,897	30.22	76.7
1949	3,132	48.04	118.3	3,817	60.25	144.5	2,031	32.08	82.0
1950	3,233	51.12	127.8	3,964	64.27	157.1	2,057	33.33	86.1
1951	3,375	57.54	145.7	4,157	72.45	179.3	2,116	36.85	96.2
1952	3,561	60.73	153.7	4,136	76.11	188.9	2,639	38.74	100.9
1953	3,674	62.41	157.6	4,541	78.81	194.1	2,316	40.18	105.2
Wood products:									
1946	–	42.65	97.6	–	50.08	110.8	–	24.92	62.0
1947	–	50.11	117.6	–	58.70	134.0	–	27.43	69.2
1948	1,727	51.99	122.6	1,853	60.46	138.6	917	29.93	76.1
1949	1,905	54.15	127.7	2,038	62.56	143.8	1,015	31.14	79.0
1950	2,079	56.92	136.5	2,227	65.90	154.7	1,109	32.85	83.8
1951	2,250	64.48	155.4	2,407	74.34	174.9	1,204	37.16	96.0
1952	2,366	67.77	163.3	2,505	77.06	180.9	1,435	38.83	101.1
1953	2,534	71.35	173.2	2,717	81.52	193.6	1,342	40.28	104.6
Paper products:									
1946	–	52.29	127.8	–	62.49	150.2	–	27.45	69.7
1947	–	59.44	149.0	–	70.72	175.0	–	31.33	81.1
1948	3,475	62.64	155.8	4,069	73.69	181.0	1,921	34.82	90.0
1949	3,679	65.57	164.3	4,354	77.41	191.6	1,964	34.88	90.8
1950	3,866	68.96	176.4	4,576	81.14	204.9	2,009	35.64	94.3
1951	4,338	79.57	204.6	5,147	93.92	239.0	2,224	40.60	106.8
1952	4,618	83.19	216.6	5,318	97.11	250.9	2,803	43.80	117.1
1953	4,808	87.68	230.7	5,693	102.39	267.3	2,550	45.92	123.8
Printing, publishing and allied industries:									
1946	–	37.07	92.9	–	45.76	112.7	–	24.30	62.3
1947	–	41.86	106.0	–	50.21	125.5	–	26.84	69.3
1948	2,400	43.75	112.2	2,860	53.76	136.4	1,533	28.82	75.2
1949	2,368	46.55	120.3	2,879	57.12	145.7	1,526	30.30	80.1
1950	2,500	50.71	132.7	3,040	61.75	161.2	1,602	32.56	85.7
1951	2,749	57.20	149.7	3,352	69.61	180.8	1,773	36.83	97.4
1952	3,003	61.13	161.3	3,498	74.67	196.5	2,200	38.48	102.3
1953	3,142	63.88	171.3	3,840	78.01	208.6	2,016	40.95	110.7
Iron and steel products:									
1946	–	50.14	122.6	–	52.88	127.4	–	25.43	64.7
1947	–	50.22	124.9	–	59.60	146.1	–	27.92	72.3
1948	2,865	53.41	133.2	3,358	63.09	155.0	1,617	30.35	78.6
1949	3,095	55.77	140.1	3,574	65.17	161.7	1,782	32.13	83.7
1950	3,215	59.71	151.2	3,715	69.29	173.7	1,817	33.91	88.5
1951	3,635	67.65	173.0	4,195	78.15	197.3	2,056	38.30	101.0
1952	3,879	71.71	183.4	4,369	82.53	208.9	2,473	40.62	106.9
1953	3,993	74.88	192.5	4,598	86.02	218.9	2,285	42.71	113.6
Transportation equipment:									
1946	–	50.14	118.8	–	57.95	135.4	–	28.08	69.3
1947	–	55.47	134.9	–	64.15	154.2	–	30.62	77.1
1948	3,807	59.72	143.5	3,494	68.03	161.6	1,768	34.44	85.7
1949	3,277	62.04	149.5	3,713	71.01	169.5	1,827	34.95	87.1
1950	3,521	66.98	161.8	3,980	76.07	182.0	1,998	38.21	96.0
1951	3,733	71.39	174.1	4,214	80.85	195.8	2,162	41.51	104.0
1952	3,909	77.61	186.1	4,346	87.79	206.6	2,516	44.92	114.6
1953	4,301	79.43	199.1	4,876	90.20	224.4	2,482	45.93	118.4

TABLE 40. Average Annual, Weekly and Hourly Earnings of Supervisory and Office Employees in the Manufacturing Industries, by Industrial Groups, 1946-53 – Concluded

Year and Group	All employees			Male employees			Female employees		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	$	$	cents	$	$	cents	$	$	cents
Non-ferrous metal products:									
1946	–	47.22	113.5	–	57.07	134.6	–	27.71	69.1
1947	–	54.49	133.2	–	64.87	155.9	–	30.41	77.6
1948	2,921	57.70	140.7	3,426	68.57	164.4	1,644	32.91	84.1
1949	3,189	60.25	147.3	3,776	71.43	170.9	1,794	33.95	87.5
1950	3,349	63.55	159.3	3,938	74.95	184.6	1,855	35.27	92.1
1951	3,585	73.63	185.9	4,188	85.63	213.0	1,968	40.21	105.5
1952	3,870	78.70	201.8	4,402	90.39	229.4	2,373	42.39	112.1
1953	4,057	80.30	203.8	4,693	93.16	233.5	2,239	44.44	117.6
Electrical apparatus and supplies:									
1946	–	45.46	114.8	–	54.74	136.5	–	27.68	71.7
1947	–	50.08	125.5	–	60.51	149.0	–	29.66	76.8
1948	2,767	52.96	135.8	3,267	62.39	158.7	1,735	33.14	86.5
1949	2,990	55.15	141.4	3,489	64.32	163.6	1,877	34.58	90.3
1950	3,083	58.61	151.8	3,608	68.11	175.5	1,905	35.99	94.7
1951	3,468	64.82	167.1	4,055	75.51	192.1	2,060	38.37	102.0
1952	3,691	70.83	184.0	4,170	81.92	211.1	2,527	42.95	114.2
1953	3,925	75.07	194.5	4,565	87.17	224.7	2,360	45.04	118.8
Non-metallic mineral products:									
1946	–	43.29	104.5	–	50.47	119.3	–	25.96	66.2
1947	–	50.43	123.3	–	58.09	140.6	–	29.76	74.4
1948	2,642	53.45	132.0	3,005	62.03	150.2	1,512	31.22	81.7
1949	2,837	53.94	135.2	3,218	62.87	154.1	1,635	31.96	84.5
1950	2,970	58.29	146.8	3,388	67.41	167.3	1,701	33.85	89.1
1951	3,297	66.34	168.8	3,793	76.94	192.8	1,904	38.61	102.7
1952	3,511	71.45	186.1	3,951	82.48	211.5	2,276	41.15	111.8
1953	3,736	74.31	189.6	4,304	85.84	215.1	2,174	43.36	116.9
Products of petroleum and coal:									
1946	–	47.66	120.6	–	54.05	135.4	–	26.33	68.9
1947	–	55.06	141.9	–	61.43	157.1	–	32.07	86.0
1948	2,925	59.97	157.0	3,258	66.31	172.2	1,753	35.68	96.2
1949	3,100	61.40	161.6	3,490	68.49	177.4	1,769	34.70	96.1
1950	3,260	65.59	178.7	3,662	72.64	194.2	1,941	38.52	113.0
1951	3,662	74.52	194.1	4,147	81.92	211.7	2,161	42.72	115.1
1952	4,092	95.23	259.5	4,620	108.63	293.6	2,504	51.57	143.6
1953	4,217	98.27	264.2	4,881	111.87	298.3	2,309	52.95	146.3
Chemicals and allied products:									
1946	–	43.88	111.1	–	55.92	139.8	–	27.08	69.8
1947	–	49.19	126.1	–	62.01	157.0	–	30.28	79.0
1948	2,801	51.60	133.0	3,394	63.56	161.7	1,731	32.41	85.3
1949	2,883	54.89	141.8	3,481	67.30	171.7	1,782	34.46	91.1
1950	3,035	59.87	156.3	3,671	71.22	183.6	1,858	36.05	96.1
1951	3,379	66.37	171.9	4,061	78.79	202.5	2,079	40.31	106.1
1952	3,626	71.48	186.1	4,205	84.46	218.2	2,527	42.95	113.3
1953	3,808	74.59	194.8	4,581	88.12	228.9	2,336	44.90	119.1
Miscellaneous industries:									
1946	–	39.89	92.5	–	51.41	122.7	–	25.62	66.2
1947	–	45.34	108.2	–	61.81	150.0	–	29.22	75.7
1948	2,036	48.42	116.1	3,148	61.75	149.9	1,587	31.15	81.5
1949	2,179	50.47	124.6	3,435	63.44	154.3	1,700	31.43	83.6
1950	3,059	54.51	136.3	3,685	66.78	173.9	1,865	33.78	88.0
1951	3,246	60.89	156.5	3,960	75.50	188.3	1,925	36.73	99.3
1952	3,436	66.57	173.8	3,962	80.66	204.2	2,413	40.57	113.0
1953	3,733	69.21	177.9	4,053	84.11	213.5	2,027	42.08	111.3

Note. Average annual earnings cannot be calculated without a recompilation of the figures for 1946 and 1947 on the new standard classification basis.

A survey of weekly earnings of supervisory and office employees, classified into (a) managerial and professional employees and (b) office workers was undertaken for the first time in 1951, and it is intended to repeat this survey every third year in the future. According to Table 41 below, weekly earnings for both sexes in 1951 averaged $98.38 for managerial and professional employees and $51.14 for office workers. Newfoundland with $116.20 for both sexes was the highest paying province as regards managerial and professional employees, while British Columbia with $55.75 was the highest paying province for office workers.

In the managerial classification, male employees in the paper products group with $126.91 per week were the highest paid, followed by textile products (except clothing) with $105.45, transportation equipment $104.51, iron and steel products $102.32, non-ferrous metal products $101.79, products of petroleum and coal $101.13, etc. Employees in the tobacco products group with $86.56 were the lowest. In the same category, female employees of the transportation equipment group with $60.71 were the highest, while female employees in the miscellaneous industries group with $52.44 were the lowest paid.

In the office workers classification, the male employees in the tobacco products group received the highest weekly earnings of $70.18 while male employees in the printing, publishing and allied industries group received the lowest earnings of $53.89. In the case of female employees tobacco products ranked first with $41.53 and leather products last with $33.56.

TABLE 41. Average Weekly Earnings of the Supervisory and Office Employees in the Manufacturing Industries of Canada, Classified on the basis of (a) Managerial and Professional Employees and (b) Office Workers, by Province and Industrial Group, 1951

	All supervisory and office employees			Managerial and professional employees			Office workers		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
	$	$	$	$	$	$	$	$	$
Province									
Newfoundland	62.04	70.71	30.80	116.29	121.37	—	47.02	52.93	30.19
Prince Edward Island	46.90	55.98	26.75	—	—	—	—	—	—
Nova Scotia	58.43	67.83	31.95	88.62	89.34	—	49.00	57.87	31.66
New Brunswick	57.65	68.64	31.72	93.40	93.54	—	44.96	53.97	31.51
Quebec	64.67	75.77	37.32	99.57	101.30	56.35	50.04	58.82	36.54
Ontario	67.29	79.67	39.49	98.81	100.13	57.80	52.02	62.44	38.86
Manitoba	60.57	70.20	35.06	87.91	88.56	—	47.28	55.69	34.53
Saskatchewan	56.35	64.97	37.25	79.53	79.98	—	44.73	51.31	36.97
Alberta	62.06	71.12	36.86	89.23	89.66	—	49.32	57.25	36.48
British Columbia	71.10	81.66	40.03	100.95	101.78	59.14	55.75	65.46	39.52
Canada	**65.98**	**77.55**	**38.42**	**98.38**	**99.73**	**57.04**	**51.14**	**60.68**	**37.77**
Industrial group									
Foods and beverages	61.78	71.15	37.29	86.89	87.54	57.65	48.31	56.49	36.72
Tobacco and tobacco products	66.73	78.21	42.41	87.06	86.56	—	56.47	70.18	41.53
Rubber products	63.90	74.59	37.40	97.48	98.26	—	48.40	56.32	37.09
Leather products	56.30	66.47	34.33	90.22	91.58	—	45.78	53.97	33.56
Textile products (except clothing)	65.41	79.67	36.78	103.41	105.45	54.65	48.21	58.75	36.08
Clothing (textile and fur)	57.54	72.45	36.85	95.67	99.62	58.38	44.92	55.32	35.55
Wood products	64.48	74.34	37.16	96.70	97.48	59.47	52.56	61.33	36.69
Paper products	79.57	93.92	40.60	125.26	126.91	58.22	56.87	67.67	40.06
Printing, publishing and allied industries	57.20	69.61	36.83	90.05	93.55	54.20	45.02	53.89	35.65
Iron and steel products	67.65	78.15	38.30	101.60	102.32	58.37	53.99	63.14	37.94
Transportation equipment	71.39	80.85	41.51	104.15	104.51	60.71	57.79	66.15	41.32
Non-ferrous metal products	73.63	85.63	40.21	100.99	101.79	57.75	52.87	63.70	39.67
Electrical apparatus and supplies	64.82	75.51	38.37	96.41	97.51	57.99	52.67	62.06	37.83
Non-metallic mineral products	66.34	76.94	38.61	97.87	98.31	—	50.64	59.17	38.24
Products of petroleum and coal	74.52	81.92	42.72	99.87	101.13	—	56.48	63.15	40.72
Chemicals and allied products	66.37	78.79	40.31	93.97	95.77	55.44	47.81	56.55	39.41
Miscellaneous industries	60.89	75.50	36.73	95.30	97.11	52.44	45.96	56.66	36.20

Distribution of Employees on the Basis of Weekly Earnings. Manufacturers were required to classify their male and female employees into 16 groups of earnings, from $10 or less to $100 or more, rising by $5 intervals from $10 to $59.99, and by $10 intervals from $60 to $99.99. The 1950 survey which covered the last pay period in October made available data on the distribution of employees by earnings groups for the first time since the Census of Manufactures survey in January 1944. The data in the two surveys are not strictly comparable, largely because the earlier surveys included establishments employing less than 15 persons and were conducted for a different period of the year. Also the 1944 survey reflected wartime conditions.

Variation in the provincial distribution of employees by amounts earned are obviously related to pay levels, occupational and sex differences, number of casual and part-time workers, and length of the working week in the more important industries in each area. Most of the employees in the low-earnings ranges are casually-employed workers, or those who do not work full time in the week. Part-time work is particularly common among women; the 1952 survey showed that 11.9 p.c. of the female production workers reported in manufacturing worked 30 hours or less, as compared with 4.6 p.c. for men. Short-time or casual work is characteristic of such industries as fish processing and fruit and vegetable canning, the duration of employment depending on the immediate availability of materials.

The tremendous change in the level of incomes of factory workers since the war is strikingly illustrated in Table 42. Whereas in 1940 only 3 p.c. of male and none of the female production workers received $50 or more per week, in 1953 these percentages jumped to 78 and 14 respectively. The percentage of employees in the lower income groups declined accordingly. Whereas in 1940, 72 p.c. of male production workers received less than $30 per week, in 1953 the percentage declined to 5. For female production workers the percentage in these groups declined from 99 to 38.

For office workers information on the distribution by income groups is only available for 1944, 1950 and 1953. Earnings by office workers, too, advanced to unprecedented heights. The percentage of male office workers receiving $50 or more per week rose to 88 in 1953 from 39 in 1944, while for females the percentage in 1953 was 25 as compared with none in 1944. Tables 43 and 42 give the distribution by income groups of male and female production workers as well as office workers by provinces and major industrial groups for 1953.

TABLE 42. Distribution of Employees in the Manufacturing Industries, by Classes of Weekly Earnings, 1934-53

Year	Class Range										Average
	Under $10.00	$10.00 to $19.99	$20.00 to $29.99	$30.00 to $39.99	$40.00 to $49.99	$50.00 to $59.99	$60.00 to $69.99	$70.00 to $79.99	$80.00 to $89.99	$90.00 to $99.99	$100.00 and over	Weekly Earnings
Male production workers:												
1934	12	43	32	10	2	1*				-		20.31
1936	10	40	35	11	3	1*						20.92
1940	6	29	37	19	6	3*						24.82
1944	3	9	25	31	20	9	2	1*				34.95
1950	1	2	5	14	26	28	14	6	2	1	1	50.93
1953	1	2	2	5	12	21	27	16	7	3	4	62.71

TABLE 42. Distribution of Employees in the Manufacturing Industries, by Classes of Weekly Earnings, 1934-53 – Concluded

Year	Class Range										Average
	Under $10.00	$10.00 to $19.99	$20.00 to $29.99	$30.00 to $39.99	$40.00 to $49.99	$50.00 to $59.99	$60.00 to $69.99	$70.00 to $79.99	$80.00 to $89.99	$90.00 to $99.99	$100.00 and over	Weekly earnings
	per cent											$
Female production workers:												
1934	34	61	4	1	–	–	–	–	–	–	–	11.80
1938	30	65	4	1*								12.20
1940	23	68	8	1*								13.52
1944	10	45	33	10	2							20.89
1950	3	16	35	30	12	2	1	–	1	–	–	29.00
1953	3	9	26	28	20	10	3	1	--	--	--	35.07
Male office employees:												
1944	1	6	13	21	20	15	9	15*				46.24
1950	–	1	5	8	13	19	17	12	8	5	12	69.35
1953	--	--	2	3	7	11	15	14	13	10	25	86.43
Female office employees:												
1944	2	31	52	13	2	–	–	–	–	–	–	23.79
1950	–	4	27	43	19	5	1	1	–	–	–	34.38
1953	--	2	9	30	34	17	5	2	1	--	--	43.13

* And over.
-- Number too small to be significant.
– Nil.

TABLE 43. Distribution of Employees in the Manufacturing Industries, by Classes of Weekly Earnings and by Sex and Province, 1953

Province	Class range									Average weekly earnings
	Under $20.00	$20.00 to $29.99	$30.00 to $39.99	$40.00 to $49.99	$50.00 to $59.99	$60.00 to $69.99	$70.00 to $79.99	$80.00 to $89.99	$90.00 to $99.99	$100.00 and over	
	p.c.										$
Male production workers:											
Newfoundland	8	7	9	14	14	14	12	9	5	8	60.50
Prince Edward Island[1]											42.94
Nova Scotia	3	6	12	19	24	25	6	3	1	1	53.15
New Brunswick	3	7	14	18	20	18	9	5	3	3	54.48
Quebec	1	4	9	16	22	23	12	6	3	4	59.72
Ontario	--	2	4	10	20	29	18	9	4	4	65.00
Manitoba	1	2	6	15	27	31	10	4	2	2	59.21
Saskatchewan	3	2	5	16	30	23	11	7	2	1	58.73
Alberta	1	2	3	14	25	29	15	7	2	2	61.66
British Columbia	2	2	2	5	13	35	22	9	5	5	68.10
Canada	**3**	**2**	**5**	**12**	**21**	**27**	**16**	**7**	**3**	**4**	**62.71**
Female production workers:											
Newfoundland	57	31	11	1	--	–	–	–	–	–	20.13
Prince Edward Island[1]											24.02
Nova Scotia	35	45	14	6	--	--	–	--	–	–	23.45
New Brunswick	33	25	28	10	3	1					26.51
Quebec	16	30	27	16	7	3	1	--	--	--	32.67
Ontario	8	20	29	25	13	4	1	--	--	--	37.74
Manitoba	13	34	30	15	6	1	1	--	--	--	31.98
Saskatchewan	10	15	27	28	16	4	--	--	–	–	37.62
Alberta	8	22	25	22	19	3	1	--	--	–	38.45
British Columbia	10	18	25	25	16	5	1	--	--	--	38.28
Canada	**12**	**26**	**28**	**20**	**10**	**3**	**1**	**--**	**--**	**--**	**35.07**
Male office employees:											
Newfoundland	1	7	8	12	11	10	12	10	6	23	78.07
Prince Edward Island[1]											64.81
Nova Scotia	--	2	7	15	15	16	12	12	6	15	72.01
New Brunswick	1	4	9	15	12	14	13	8	8	16	73.48
Quebec	--	3	5	8	12	15	13	11	9	24	84.12
Ontario	--	1	3	5	10	15	14	14	11	27	89.28
Manitoba	--	2	5	11	16	17	13	11	8	17	76.47
Saskatchewan	--	2	6	12	17	18	14	10	8	13	71.66
Alberta	1	2	4	8	13	16	16	12	10	18	79.64
British Columbia	--	1	2	5	8	13	14	16	13	28	89.70
Canada	**--**	**2**	**3**	**7**	**11**	**15**	**14**	**13**	**10**	**25**	**86.43**
Female office employees:											
Newfoundland	16	23	23	25	8	3	2	–	–	–	34.44
Prince Edward Island[1]											31.15
Nova Scotia	3	25	42	21	7	2	--	--	–	–	35.48
New Brunswick	4	29	39	19	6	2	1	--	--	--	35.25
Quebec	3	12	28	31	17	6	2	1	--	--	42.33
Ontario	2	5	29	36	19	6	2	1	--	--	44.23
Manitoba	1	18	42	24	11	3	1	--	--	–	37.98
Saskatchewan	1	7	41	38	9	3	1	--	–	–	40.16
Alberta	1	7	33	38	16	3	2	--	–	--	42.05
British Columbia	1	7	31	35	17	6	2	1	--	--	43.84
Canada	**2**	**9**	**30**	**34**	**17**	**5**	**2**	**1**	**--**	**--**	**43.13**

1. Breakdown by class range not available.
-- Number too small to be significant.
– Nil.

TABLE 44. Distribution of Employees in the Manufacturing Industries, by Classes of Weekly Earnings and by Sex and Industrial Group, 1953

Group	Class range										Average weekly earnings
	Under $20.00	$20.00 to $29.99	$30.00 to $39.99	$40.00 to $49.99	$50.00 to $59.99	$60.00 to $69.99	$70.00 to $79.99	$80.00 to $89.99	$90.00 to $99.99	$100.00 and over	
	per cent										$
Male production workers:											
Foods and beverages	3	4	8	17	25	24	11	4	2	2	56.52
Tobacco and tobacco products	4	2	7	8	23	28	16	8	3	1	61.69
Rubber products	1	1	3	10	24	27	19	8	4	3	64.74
Leather products	8	12	16	24	21	13	5	1	--	--	45.27
Textile products (except clothing)	1	7	18	28	24	12	6	2	1	1	49.28
Clothing (textile and fur)	4	10	14	19	17	14	10	6	3	3	53.33
Wood products	3	5	12	20	21	23	9	4	2	1	54.36
Paper products	--	2	3	6	19	25	18	12	7	8	70.77
Printing, publishing and allied industries	3	5	8	10	8	12	15	15	9	15	71.65
Iron and steel products	--	2	3	8	22	29	19	9	4	4	66.10
Transportation equipment	--	1	2	7	20	39	17	7	3	4	66.11
Non-ferrous metal products	--	1	3	8	16	31	28	9	2	2	66.59
Electrical apparatus and supplies	--	2	3	9	20	27	19	11	5	4	67.24
Non-metallic mineral products	--	2	4	13	27	27	15	7	3	2	62.26
Products of petroleum and coal	--	--	2	2	8	25	25	21	8	9	77.17
Chemicals and allied products	--	1	3	13	24	28	18	7	3	3	63.57
Miscellaneous industries	3	5	11	20	21	18	11	5	3	3	56.37
All groups	**3**	**2**	**5**	**12**	**21**	**27**	**16**	**7**	**3**	**4**	**62.71**
Female production workers:											
Foods and beverages	18	27	27	19	7	1	1	--	--	—	32.31
Tobacco and tobacco products	3	11	10	34	25	14	2	1	--	—	46.99
Rubber products	5	10	21	40	18	5	1	--	--	—	41.73
Leather products	22	36	27	11	3	1	--	--	—	—	28.18
Textile products (except clothing)	7	23	37	26	6	1	--	--	--	--	35.34
Clothing (textile and fur)	17	34	28	13	5	2	1	--	--	--	30.94
Wood products	9	21	29	18	15	8	--	--	--	--	38.35
Paper products	8	24	34	23	9	2	--	--	--	--	35.77
Printing, publishing and allied industries	12	25	35	20	5	1	1	1	--	--	34.06
Iron and steel products	3	10	20	34	26	6	1	--	--	--	44.20
Transportation equipment	4	9	15	28	28	13	2	1	--	--	47.00
Non-ferrous metal products	9	23	29	22	12	4	1	--	--	—	36.30
Electrical apparatus and supplies	4	7	19	32	25	9	3	1	--	--	46.05
Non-metallic mineral products	6	22	26	30	12	3	1	--	--	--	38.03
Products of petroleum and coal[1]											
Chemicals and allied products	7	24	36	23	8	2	--	--	—	—	35.63
Miscellaneous industries	9	31	32	16	9	2	1	--	--	--	34.17
All groups	**12**	**26**	**28**	**20**	**10**	**3**	**1**	**--**	**--**	**--**	**35.07**
Male office employees:											
Foods and beverages	--	2	5	10	14	18	15	12	7	17	78.32
Tobacco and tobacco products	--	--	5	9	13	19	15	12	7	20	86.27
Rubber products	--	1	4	9	11	16	19	15	7	18	82.25
Leather products	--	3	8	13	15	19	14	9	4	15	73.25
Textile products (except clothing)	--	2	5	8	12	17	15	11	8	22	84.77
Clothing (textile and fur)	2	5	7	10	13	14	13	7	6	23	78.81
Wood products	--	2	4	9	14	16	14	11	8	22	81.52
Paper products	--	1	3	5	9	11	12	12	9	38	102.39
Printing, publishing and allied industries	3	5	7	10	11	12	12	10	8	22	78.01
Iron and steel products	--	1	3	7	11	15	15	14	10	24	86.02
Transportation equipment	--	--	2	5	9	13	12	15	15	29	90.20
Non-ferrous metal products	--	1	2	4	6	12	14	17	14	30	93.16
Electrical apparatus and supplies	--	1	2	5	10	15	16	15	12	24	87.17
Non-metallic mineral products	--	1	3	7	14	16	16	12	9	22	85.84
Products of petroleum and coal	—	--	2	5	7	8	12	11	10	45	111.87
Chemicals and allied products	--	1	3	7	11	14	13	14	11	26	88.12
Miscellaneous industries	1	2	4	7	12	15	14	14	8	23	84.11
All groups	**--**	**2**	**3**	**7**	**11**	**15**	**14**	**13**	**10**	**25**	**86.43**
Female office employees:											
Foods and beverages	3	9	33	34	15	5	1	--	--	--	41.55
Tobacco and tobacco products	--	7	17	25	39	9	3	--	--	--	49.05
Rubber products	--	8	36	38	14	3	1	--	--	--	41.84
Leather products	5	20	36	24	10	3	2	--	--	--	37.24
Textile products (except clothing)	1	12	37	32	13	3	1	1	--	--	40.87
Clothing (textile and fur)	4	18	30	25	14	5	2	1	--	1	40.18
Wood products	3	13	35	28	15	4	1	1	--	--	40.28
Paper products	1	5	26	34	21	8	4	1	--	--	45.92
Printing, publishing and allied industries	4	13	35	28	12	4	2	1	--	1	40.95
Iron and steel products	1	8	31	36	17	5	1	1	--	--	42.71
Transportation equipment	1	5	22	37	25	7	2	1	--	--	45.93
Non-ferrous metal products	2	6	27	36	20	6	2	--	1	--	44.44
Electrical apparatus and supplies	--	4	28	40	20	6	2	--	--	--	45.04
Non-metallic mineral products	1	6	34	35	16	5	2	--	1	--	43.36
Products of petroleum and coal	1	--	11	35	30	12	5	4	1	1	52.95
Chemicals and allied products	1	4	28	38	19	7	2	1	--	--	44.90
Miscellaneous industries	2	7	31	39	17	3	1	--	--	--	42.08
All groups	**2**	**9**	**30**	**34**	**17**	**5**	**2**	**1**	**--**	**--**	**43.13**

1. Information not available.
-- Number too small to be significant.
— Nil.

Real Earnings of Employees in Recent Years. When the index number representing the average yearly earnings of production workers is divided by the consumer price index, on the same base, a mesure of "real" income is obtained. Index numbers for 1931 to 1953 are given in Table 45. In 1933, the height of the depression, real earnings were 63.9 on the 1949 base. From then on they rose steadily and stood at 101.5 in 1944, an increase of about 59 p.c. In 1946 real earnings dropped to 94.6 and rose again to 117.0 in 1953.

TABLE 45. Average Yearly Earnings, and Index Numbers of Earnings, Consumer Price Index and Real Earnings of Production Workers in the Manufacturing Industries, 1931-53

Year	Payments to production workers	Average number employed	Average yearly earnings	Index numbers (1949=100)		
				Average yearly earnings	Consumer price index	Real value of average yearly earnings
	$	No.	$			
1931	415,277,895	437,149	950	46.0	67.9	67.7
1932	322,245,926	381,783	844	40.8	61.7	66.1
1933	296,929,878	382,022	777	37.6	58.8	63.9
1934	355,090,929	427,717	830	40.2	59.6	67.4
1935	399,012,697	458,734	870	42.1	59.9	70.3
1936	438,873,377	489,942	896	43.3	61.1	70.9
1937	525,743,562	544,624	965	46.7	63.0	74.1
1938	498,282,208	521,427	956	46.3	63.7	72.7
1939	519,971,819	533,342	975	47.2	63.2	74.7
1940	679,273,104	626,484	1,084	52.4	65.7	79.8
1941	978,525,782	802,234	1,220	59.0	69.6	84.8
1942	1,347,934,049	974,904	1,383	66.9	72.9	91.8
1943	1,598,434,879	1,047,873	1,525	73.8	74.2	99.5
1944	1,611,555,776	1,030,324	1,564	75.7	74.6	101.5
1945	1,427,915,830	928,665	1,538	74.4	75.0	99.2
1946	1,329,811,478	877,150	1,516	73.3	77.5	94.6
1947	1,611,232,166	940,650	1,713	82.9	84.8	97.8
1948	1,876,773,231	957,491	1,960	94.8	97.0	97.7
1949	1,963,462,720	949,656	2,067	100.0	100.0	100.0
1950	2,078,634,086	952,244	2,183	105.6	102.9	102.6
1951	2,459,566,313	1,010,588	2,434	117.8	113.7	103.6
1952	2,713,714,909	1,025,355	2,647	128.1	116.5	110.0
1953	2,940,338,939	1,053,226	2,792	135.1	115.5	117.0

Percentages of Salaries and Wages to Net Value of Products. Table 46 shows the relation between salaries and wages paid by manufacturers and the total net value of production. Figures of gross production are often used in such calculations, but the values out of which the wages of employees must come in the long run are the values added to the raw materials while they are in the factory. Such added values constitute the real production of the manufacturing plant and are alone available for payment of salaries and wages, interest, rent, taxes, repairs and all other overhead charges that ordinarily must be met. The percentage of salaries declined steadily with the increasing manufacturing production from 1924 to 1929, while from 1931 to 1935 and again in 1938 and 1939, due to decreased industrial activity, the percentage of salaries to value added was above normal. It should be borne in mind, however, that salaried employees increased 322 p.c. during the period 1917-53 while wage-earners increased 94 p.c. The percentage of wages has fluctuated much less than that of salaries. The number of wage-earning employees may be more rapidly adjusted to the activity of the industry and wage levels likewise may be more readily adjusted to the price levels of the products. Of the increase in the net value of production since 1939 amounting to $6,462,017,450, $3,219,207,195 or 50 p.c. was passed along in increased salaries and wages.

TABLE 46. Percentages of Salaries and Wages Paid to the Value Added by Manufacture, Significant Years, 1917-53

	Value added by manufacture	Payments to		Percentages		
		Supervisory and office workers	Production workers	Office payments to value added	Production payments to value added	Total payments to value added
	$	$	$	p.c.	p.c.	p.c.
1917	1,281,131,980	85,353,667	412,448,177	6.7	32.2	38.9
1920	1,621,273,348	141,837,361	575,656,515	8.7	35.5	44.2
1921	1,123,694,263	130,094,076	367,305,685	11.6	32.7	44.3
1926	1,305,168,549	142,353,900	483,328,342	10.9	37.0	47.9
1929	1,755,386,937	175,553,710	601,737,507	10.0	34.3	44.3
1933	919,671,181	139,317,946	296,929,878	15.1	32.3	47.4
1937	1,508,924,867	195,983,475	525,743,562	13.0	34.8	47.8
1939	1,531,051,901	217,839,334	519,971,819	14.2	34.0	48.2
1944	4,015,776,010	418,065,594	1,611,555,776	10.4	40.2	50.6
1945	3,564,315,899	417,857,619	1,427,915,830	11.7	40.1	51.8
1946	3,467,004,980	410,875,776	1,329,811,478	11.8	38.4	50.2
1947	4,292,055,802	474,693,800	1,611,232,166	11.0	37.6	48.6
1948	4,938,786,981	532,594,959	1,876,773,231	10.8	38.0	48.8
1949	5,330,566,434	628,427,937	1,963,462,720	11.8	36.8	48.6
1950	5,942,058,229	692,633,349	2,078,634,086	11.6	35.0	46.6
1951	6,940,946,783	816,714,604	2,459,566,313	11.8	35.4	47.2
1952	7,443,533,199	923,905,251	2,713,714,909	12.4	36.5	48.9
1953	7,993,069,351	1,016,679,409	2,940,338,939	12.7	36.8	49.5

1. Equivalent to "net value of products", see footnote 1, Table 1.

Subsection 6. Size of Manufacturing Establishments

The size of the manufacturing establishment is generally measured either by the value of product or by the number of employees, but each of these methods has its limitations. The latter takes no account of the differences in capital equipment at different times or in various industries and obviously the increased use of machinery, as in the flour-milling industry, may lead to an increase in production concurrently with a decrease in number of employees. The former measure has to be adjusted for changes in the price level and, as between industries, it makes those in which the cost of raw materials is relatively high appear to operate on a larger scale.

Size as Measured by Gross Value of Products. While in 1922 the 420 establishments each producing over $1,000,000 had an aggregate value of products of $1,268,056,129 or 51 p.c. of the total production of all manufacturing industries, the 719 establishments producing over $1,000,000 each in 1929 had an aggregate value of products of $2,516,064,954, or 62 p.c. of the grand total for all manufacturing establishments—a very significant change in the short period of eight years. In 1931, however, the number of plants with a production of over $1,000,000 dropped again to 482, their output being valued at $1,451,658,954, or 53 p.c. of the total. With the increased production resulting from war needs, the number of plants with a production of $1,000,000 or over jumped to 1,376 in 1944 and their output was about 75 p.c. of the total value of manufactures. With the end of the war and the consequent decline in production of the huge war plants the number of establishments with a production of $1,000,000 or over, although increasing to 1,442 in 1946, nevertheless saw a decline in the proportion of their output to 67 p.c. of the total. With increased prices and an expansion in the physical volume of production during 1947 to 1953, establishments with a production of $1,000,000 or over increased to 2,508 while their contribution to the total output rose to 79 p.c.

TABLE 47. Manufacturing Establishments Classified According to Gross Value of Products 1929, 1939, 1944 and 1953

Group of gross values	1929[1]			1939[2]		
	Establishments	Total production	Average per establishment	Establishments	Total production	Average per establishment
	No.	$	$	No.	$	$
Under $25,000	14,024	106,735,470	7,611	15,623	120,903,054	7,739
$ 25,000 but under $ 50,000	2,802	99,529,725	35,521	2,803	99,558,383	35,519
50,000 " 100,000	2,209	156,308,744	70,760	2,215	156,410,769	70,614
100,000 " 200,000	1,688	237,532,492	140,718	1,584	225,582,130	142,413
200,000 " 500,000	1,519	504,218,217	331,941	1,285	390,626,844	303,990
500,000 " 1,000,000	636	443,597,677	697,481	689	466,441,130	676,983
1,000,000 " 5,000,000	601	1,217,866,089	2,026,400	520	1,091,293,939	2,098,642
5,000,000 and over	118	1,298,198,865	11,001,685	81	923,724,311	11,404,004
Totals and averages	**23,597**	**4,063,987,279**	**172,225**	**24,800**	**3,474,540,560**	**140,102**
	1944			1953[3]		
Under $25,000	13,942	128,782,147	9,237	15,807	146,599,625	9,274
$ 25,000 but under $ 50,000	4,011	143,023,914	35,658	5,118	183,907,805	35,934
50,000 " 100,000	3,442	245,273,500	71,259	4,899	352,483,499	71,950
100,000 " 200,000	2,513	355,235,489	141,359	4,117	583,719,868	141,783
200,000 " 500,000	2,256	714,546,348	316,731	3,774	1,185,376,535	314,090
500,000 " 1,000,000	943	661,670,696	701,666	1,884	1,308,968,277	694,781
1,000,000 " 5,000,000	1,089	2,294,546,053	2,107,021	1,916	4,033,967,234	2,105,411
5,000,000 and over	287	4,530,614,372	15,786,113	592	9,990,394,011	16,875,666
Totals and averages	**28,483**	**9,073,692,519**	**318,565**	**38,107**	**17,785,416,854**	**466,723**

1. Includes central electric stations and dyeing, cleaning and laundry establishments.
2. Exclusive of Yukon and the Northwest Territories.
3. The figures for 1953 are "value of factory shipments" and not "production". They also include Newfoundland.

TABLE 48. Manufacturing Establishments Classified According to Selling Value of Factory Shipments, by Industrial Group, 1953

Industrial group, by size	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
Canada:						
Under $10,000	9,374	13,713	12,912,019	1,384,066	18,449,326	40,212,361
$ 10,000 to $ 24,999	6,433	21,323	35,261,129	2,859,829	48,591,092	106,387,264
25,000 " 49,999	5,118	30,532	59,584,847	4,188,054	88,455,492	183,907,805
50,000 " 99,999	4,899	49,641	107,072,612	6,616,518	175,542,773	352,483,499
100,000 " 199,999	4,117	68,136	159,707,309	9,808,414	302,393,967	583,719,868
200,000 " 499,999	3,774	130,038	318,627,673	18,546,568	602,045,977	1,185,376,535
500,000 " 999,999	1,884	128,958	332,111,036	19,735,268	662,161,607	1,308,968,277
1,000,000 " 4,999,999	1,916	341,497	991,061,497	69,481,264	2,025,564,290	4,033,967,234
5,000,000 and over	592	529,284	1,874,158,163	279,152,679	5,457,354,158	9,990,394,011
Head Offices[1]	—	14,329	66,522,063	16,161	—	—
Totals	**38,107**	**1,327,451**	**3,957,018,348**	**411,788,821**	**9,380,558,682**	**17,785,416,854**

TABLE 48. Manufacturing Establishments Classified According to Selling Value of Factory Shipments, by Industrial Group, 1953 — Continued

Industrial group, by size	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
Foods and Beverages:						
Under $10,000	1,131	1,749	1,558,481	349,510	2,673,243	5,310,118
$ 10,000 to $ 24,999	1,401	4,095	5,863,324	1,032,952	13,598,585	23,725,775
25,000 " 49,999	1,317	6,250	10,026,312	1,609,972	30,283,191	47,567,293
50,000 " 99,999	1,303	8,999	16,310,134	2,429,409	63,211,405	94,270,288
100,000 " 199,999	1,155	11,751	23,284,307	3,567,506	116,592,155	164,693,591
200,000 " 499,999	860	18,335	39,304,684	5,317,168	177,253,269	266,079,908
500,000 " 999,999	413	19,911	46,936,974	5,370,084	182,165,372	292,423,765
1,000,000 " 4,999,999	419	51,106	137,212,949	14,029,844	542,555,298	892,492,452
5,000,000 and over	130	52,704	166,999,466	15,025,448	1,168,407,219	1,705,398,321
Head Offices[1]	—	1,749	7,783,921	16,161	—	—
Totals	**8,129**	**176,649**	**455,280,552**	**48,748,054**	**2,296,739,737**	**3,491,961,511**
Tobacco and Tobacco Products:						
Under $10,000	10	13	13,103	571	14,295	34,475
$ 10,000 to $ 24,999	11	31	49,463	4,096	83,596	162,582
25,000 " 49,999	3	40	49,150	3,085	47,919	102,677
50,000 " 99,999	—	—	—	—	—	—
100,000 " 199,999	5	129	221,108	7,081	371,295	732,384
200,000 " 499,999	3	156	250,589	7,266	381,077	769,367
500,000 " 999,999	5	390	734,971	35,363	2,038,251	3,246,685
1,000,000 " 4,999,999	5	723	1,540,568	41,301	6,979,037	10,570,991
5,000,000 and over	13	8,008	23,895,091	540,462	128,575,578	198,526,330
Head Offices[1]	—	4	11,600	—	—	—
Totals	**55**	**9,494**	**26,765,643**	**639,225**	**138,491,048**	**214,145,491**
Rubber Goods:						
Under $10,000	7	10	13,064	749	12,337	34,006
$ 10,000 to $ 24,999	4	28	61,081	5,016	36,435	102,509
25,000 " 49,999	1					
50,000 " 99,999	10	119	281,086	15,322	251,748	682,445
100,000 " 199,999	4	47	141,649	17,879	299,353	595,707
200,000 " 499,999	9	372	989,567	83,690	1,080,578	3,301,873
500,000 " 999,999	7	499	1,175,427	59,112	1,914,806	4,466,433
1,000,000 " 4,999,999	17	4,707	13,194,314	783,214	18,196,102	42,513,948
5,000,000 and over	13	16,728	54,814,627	2,759,728	92,545,335	239,038,538
Head Offices[1]	—	90	323,828	—	—	—
Totals	**72**	**22,600**	**70,994,643**	**3,724,710**	**114,336,694**	**290,735,459**
Leather Products:						
Under $10,000	72	123	140,813	9,126	162,083	360,952
$ 10,000 to $ 24,999	87	347	551,706	19,474	681,676	1,478,003
25,000 " 49,999	91	694	1,208,067	33,975	1,538,254	3,325,275
50,000 " 99,999	84	1,225	2,261,886	60,998	2,949,414	5,879,495
100,000 " 199,999	108	2,862	5,427,858	134,091	7,749,853	15,720,020
200,000 " 499,999	132	7,005	14,221,401	344,861	21,692,297	42,821,530
500,000 " 999,999	66	7,679	16,094,295	330,979	23,359,158	46,636,505
1,000,000 " 4,999,999	53	13,133	31,059,469	1,123,237	58,283,444	106,188,402
5,000,000 and over	2					
Totals	**695**	**33,068**	**70,965,495**	**2,056,741**	**116,416,179**	**222,410,182**
Textile Products (Except Clothing):						
Under $10,000	93	178	220,706	8,341	174,204	478,717
$ 10,000 to $ 24,999	126	538	805,813	28,088	775,121	2,117,041
25,000 " 49,999	127	975	1,774,723	78,550	1,598,251	4,497,013
50,000 " 99,999	137	1,966	3,898,703	177,373	3,819,742	9,995,116
100,000 " 199,999	113	2,152	4,663,256	238,168	7,923,388	16,056,754
200,000 " 499,999	123	4,347	9,980,430	628,517	21,831,799	39,283,315
500,000 " 999,999	90	6,507	14,893,329	1,002,790	37,597,602	62,826,810
1,000,000 " 4,999,999	124	29,027	71,867,331	5,018,283	152,569,382	270,730,840
5,000,000 and over	26	25,686	68,566,103	5,954,287	162,035,095	294,704,659
Head Offices[1]	—	1,814	7,934,222	—	—	—
Totals	**959**	**73,190**	**184,604,616**	**13,134,397**	**388,324,584**	**700,690,265**
Knitting Mills:						
Under $10,000	14	33	26,112	1,560	35,031	73,374
$ 10,000 to $ 24,999	18	92	124,992	5,775	128,177	323,335
25,000 " 49,999	12	81	144,249	5,902	219,969	466,032
50,000 " 99,999	41	537	866,924	35,204	1,380,214	2,874,054
100,000 " 199,999	48	1,223	2,322,277	69,831	3,704,556	7,044,208
200,000 " 499,999	73	4,029	7,606,465	259,260	12,590,511	24,687,377
500,000 " 999,999	42	4,236	8,661,998	307,275	15,684,602	29,102,247
1,000,000 " 4,999,999	45	13,992	31,542,042	1,138,938	43,961,112	96,221,715
5,000,000 and over	1					
Head Offices[1]	—	190	1,125,622	—	—	—
Totals	**294**	**24,413**	**52,420,681**	**1,823,745**	**77,704,172**	**160,792,342**

1. Under this heading are included only those head offices that are not located at the plant.

TABLE 48. Manufacturing Establishments Classified According to Selling Value of Factory Shipments, by Industrial Group, 1953 — Continued

Industrial group, by size	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
Clothing (Textile and Fur):						
Under $10,000	142	358	431,143	13,444	285,553	886,272
$ 10,000 to $ 24,999	315	1,561	2,384,567	58,429	2,124,284	5,384,428
25,000 " 49,999	354	2,858	5,102,145	104,078	5,780,350	13,133,596
50,000 " 99,999	508	7,268	13,958,355	216,207	17,037,750	37,230,144
100,000 " 199,999	519	10,358	22,248,747	297,728	37,271,231	74,174,332
200,000 " 499,999	608	25,373	53,570,451	671,288	98,515,717	189,157,129
500,000 " 999,999	233	19,892	41,889,677	453,758	84,736,919	160,599,992
1,000,000 " 4,999,999	105	23,967	52,816,053	496,908	102,795,811	189,962,679
5,000,000 and over	4	3,785	8,552,649	79,552	13,010,867	26,660,099
Head Offices[1]	—	238	1,051,492	—	—	—
Totals	**2,788**	**95,658**	**202,005,279**	**2,391,392**	**361,558,482**	**697,188,671**
Wood Products:						
Under $10,000	5,378	7,931	5,854,681	640,642	10,316,282	21,788,775
$ 10,000 to $ 24,999	2,323	7,119	10,085,591	812,325	18,572,715	37,416,104
25,000 " 49,999	1,550	8,564	15,208,500	1,059,710	28,055,755	55,026,234
50,000 " 99,999	1,228	12,073	23,887,952	1,596,971	44,716,491	87,385,965
100,000 " 199,999	822	14,377	31,842,349	1,910,936	59,385,233	115,111,243
200,000 " 499,999	660	22,219	55,594,476	2,641,445	107,480,194	204,502,539
500,000 " 999,999	277	18,744	49,793,353	1,917,726	98,927,675	186,320,918
1,000,000 " 4,999,999	205	29,721	87,058,848	3,424,282	198,033,826	362,231,110
5,000,000 and over	19	12,603	41,886,602	897,793	84,242,885	172,231,924
Head Offices[1]	—	959	4,406,900	—	—	—
Totals	**12,462**	**134,310**	**325,619,252**	**14,901,830**	**649,731,056**	**1,242,014,812**
Paper Products:						
Under $10,000	20	38	43,261	3,602	37,857	95,625
$ 10,000 to $ 24,999	23	97	166,983	4,632	172,190	411,154
25,000 " 49,999	33	248	485,409	23,804	592,430	1,261,321
50,000 " 99,999	51	698	1,582,844	54,587	1,715,423	3,816,949
100,000 " 199,999	68	1,293	2,734,785	191,418	4,837,773	9,561,230
200,000 " 499,999	88	3,086	7,365,472	497,638	14,998,699	28,768,847
500,000 " 999,999	68	4,179	11,031,615	906,465	24,500,318	48,056,174
1,000,000 " 4,999,999	127	18,712	58,336,133	8,036,335	164,308,051	298,120,456
5,000,000 and over	77	53,871	214,533,554	73,798,414	506,297,302	1,178,158,771
Head Offices[1]	—	2,214	13,827,651	—	—	—
Totals	**555**	**84,436**	**310,107,707**	**83,516,895**	**717,460,043**	**1,568,250,521**
Printing, Publishing and Allied Industries:						
Under $10,000	1,471	1,477	1,850,979	116,281	2,998,065	5,836,357
$ 10,000 to $ 24,999	929	3,119	6,045,396	238,758	5,955,050	15,287,067
25,000 " 49,999	617	3,966	9,453,648	260,223	7,779,715	22,097,034
50,000 " 99,999	450	4,932	13,321,253	322,156	10,848,467	32,250,610
100,000 " 199,999	296	6,162	17,416,483	337,974	13,483,575	41,088,433
200,000 " 499,999	202	8,767	26,281,248	507,891	18,507,541	62,664,148
500,000 " 999,999	99	8,840	28,242,891	577,653	18,774,392	67,082,575
1,000,000 " 4,999,999	80	18,090	59,431,030	1,063,759	56,477,162	172,669,491
5,000,000 and over	13	11,093	43,276,312	741,665	40,398,070	124,776,657
Head Offices[1]	—	84	307,314	—	—	—
Totals	**4,157**	**66,530**	**205,626,554**	**4,166,360**	**175,222,037**	**543,752,372**
Iron and Steel Products:						
Under $10,000	203	377	680,715	54,096	342,869	1,248,611
$ 10,000 to $ 24,999	409	1,463	3,344,930	201,663	1,922,458	6,845,551
25,000 " 49,999	408	2,770	6,837,006	342,892	4,396,904	14,572,366
50,000 " 99,999	410	4,668	12,831,429	593,267	9,763,021	29,266,484
100,000 " 199,999	362	7,216	21,663,891	836,160	17,486,624	51,518,354
200,000 " 499,999	358	13,434	41,504,222	1,707,530	41,743,916	113,155,649
500,000 " 999,999	186	13,000	41,227,123	1,916,604	52,924,401	130,005,795
1,000,000 " 4,999,999	278	59,942	199,271,542	8,942,874	250,924,138	618,656,589
5,000,000 and over	84	84,712	313,425,042	36,859,205	526,660,908	1,133,281,680
Head Offices[1]	—	654	2,688,227	—	—	—
Totals	**2,698**	**188,236**	**643,474,127**	**51,454,291**	**906,165,239**	**2,098,551,079**
Transportation Equipment:						
Under $10,000	123	202	241,793	17,413	194,881	527,365
$ 10,000 to $ 24,999	84	326	633,953	33,710	452,276	1,344,531
25,000 " 49,999	61	461	1,114,583	45,770	802,061	2,260,490
50,000 " 99,999	60	699	1,864,989	77,293	1,701,051	4,286,122
100,000 " 199,999	65	1,255	3,752,283	142,051	3,206,820	8,984,375
200,000 " 499,999	67	2,807	8,600,731	380,831	7,377,159	21,311,823
500,000 " 999,999	35	2,600	7,965,850	276,060	10,828,536	24,526,491
1,000,000 " 4,999,999	66	17,005	55,410,915	1,972,359	65,285,927	149,667,275
5,000,000 and over	60	130,663	475,597,458	14,833,410	1,021,104,870	1,877,028,661
Head Offices[1]	—	41	228,597	—	—	—
Totals	**621**	**156,059**	**555,411,152**	**17,778,897**	**1,110,953,581**	**2,089,937,633**

1. Under this heading are included only those head offices that are not located at the plant.

TABLE 48. Manufacturing Establishments Classified According to Selling Value of Factory Shipments, by Industrial Group, 1953 — Concluded

Industrial group, by size	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
Non-ferrous Metal Products:						
Under $10,000	61	114	181,624	9,353	116,123	305,251
$ 10,000 to $ 24,999	83	293	586,538	32,425	545,370	1,393,967
25,000 " 49,999	62	404	925,355	40,774	1,012,011	2,229,146
50,000 " 99,999	87	941	2,388,824	113,435	2,802,887	6,312,931
100,000 " 199,999	65	1,152	3,017,236	98,486	3,911,335	9,062,925
200,000 " 499,999	77	3,005	7,889,770	364,815	10,221,055	23,352,693
500,000 " 999,999	38	2,772	7,781,730	364,387	11,575,659	25,732,137
1,000,000 " 4,999,999	48	9,766	30,684,283	1,742,043	56,285,324	114,381,717
5,000,000 and over	30	32,845	121,679,016	54,936,690	639,658,351	1,059,240,227
Head Offices[1]	—	766	3,575,681	—	—	—
Totals	**551**	**52,058**	**178,710,057**	**57,702,408**	**726,128,115**	**1,242,010,994**
Electrical Apparatus and Supplies:						
Under $10,000	28	52	104,582	5,694	65,692	142,441
$ 10,000 to $ 24,999	38	190	448,215	9,963	296,359	633,597
25,000 " 49,999	27	191	426,713	21,560	400,274	1,038,305
50,000 " 99,999	43	476	1,186,165	40,776	1,456,379	3,113,487
100,000 " 199,999	55	1,002	2,423,935	77,778	3,240,911	7,933,133
200,000 " 499,999	65	2,663	6,781,577	198,581	10,313,633	22,294,623
500,000 " 999,999	48	3,737	9,796,402	276,202	15,516,360	33,138,077
1,000,000 " 4,999,999	83	17,657	53,012,319	1,749,621	87,128,458	196,431,714
5,000,000 and over	35	49,949	172,391,167	4,576,569	265,325,928	583,464,877
Head Offices[1]	—	939	4,075,702	—	—	—
Totals	**422**	**76,856**	**250,646,777**	**6,956,744**	**383,743,994**	**848,190,254**
Non-metallic Mineral Products:						
Under $10,000	202	390	483,626	81,090	349,226	965,264
$ 10,000 to $ 24,999	211	804	1,547,249	203,341	1,225,642	3,561,958
25,000 " 49,999	147	990	2,122,140	263,980	1,910,176	5,329,232
50,000 " 99,999	132	1,438	3,561,053	404,527	3,460,317	9,417,391
100,000 " 199,999	128	2,318	6,093,284	1,035,605	5,815,810	18,469,945
200,000 " 499,999	117	4,040	11,657,789	3,114,673	10,668,604	37,880,872
500,000 " 999,999	73	4,680	14,231,536	3,817,701	19,129,758	51,547,357
1,000,000 " 4,999,999	69	10,702	35,246,293	12,639,680	51,585,192	150,143,283
5,000,000 and over	15	8,250	29,169,993	13,413,894	39,974,123	131,593,890
Head Offices[1]	—	740	3,162,111	—	—	—
Totals	**1,094**	**34,352**	**107,275,074**	**34,974,491**	**134,118,848**	**408,909,192**
Products of Petroleum and Coal:						
Under $10,000	3	12	15,595	9,958	7,703	15,849
$ 10,000 to $ 24,999	6	15	38,927	12,361	39,200	115,293
25,000 " 49,999	5	23	60,561	5,272	100,630	194,218
50,000 " 99,999	7	53	187,620	13,957	283,617	554,080
100,000 " 199,999	6	52	167,533	47,532	485,520	930,951
200,000 " 499,999	14	276	864,567	79,428	1,805,826	4,147,515
500,000 " 999,999	11	382	1,259,777	330,633	3,795,162	7,586,778
1,000,000 " 4,999,999	17	1,304	4,292,427	1,428,184	23,406,513	40,155,785
5,000,000 and over	31	13,090	51,345,412	33,298,421	546,386,470	769,388,871
Head Offices[1]	—	1,905	8,333,015	—	—	—
Totals	**100**	**17,112**	**66,563,434**	**35,225,746**	**576,310,641**	**823,089,340**
Chemicals and Allied Products:						
Under $10,000	169	271	381,770	29,956	317,201	825,632
$ 10,000 to $ 24,999	122	365	677,226	39,929	737,421	2,024,709
25,000 " 49,999	99	615	1,439,151	108,033	1,645,137	3,515,677
50,000 " 99,999	131	971	2,561,163	161,145	4,198,511	9,450,703
100,000 " 199,999	120	1,391	3,888,300	287,066	7,157,875	17,145,304
200,000 " 499,999	170	3,906	11,853,265	1,200,707	25,422,475	54,756,755
500,000 " 999,999	128	5,568	16,611,114	1,327,763	39,538,481	90,869,019
1,000,000 " 4,999,999	129	13,971	44,447,036	5,536,976	121,255,567	251,406,204
5,000,000 and over	37	21,474	75,921,058	20,849,363	203,413,663	451,509,842
Head Offices[1]	—	1,675	6,810,727	—	—	—
Totals	**1,105**	**50,207**	**164,590,810**	**29,540,938**	**403,686,331**	**881,503,845**
Miscellaneous Industries:						
Under $10,000	247	385	669,971	32,680	346,681	1,283,277
$ 10,000 to $ 24,999	243	846	1,859,644	119,692	1,256,459	4,093,160
25,000 " 49,999	204	1,396	3,192,666	177,674	2,280,543	7,258,396
50,000 " 99,999	217	2,578	6,122,232	303,891	5,946,336	15,697,235
100,000 " 199,999	178	3,396	8,398,028	511,124	9,470,660	24,896,479
200,000 " 499,999	148	6,218	14,310,969	540,979	20,161,627	46,440,572
500,000 " 999,999	65	5,342	13,782,974	464,713	19,154,155	44,800,519
1,000,000 " 4,999,999	46	11,795	36,742,558	901,204	44,851,440	116,813,253
5,000,000 and over	2					
Head Offices[1]	—	267	875,453	—	—	—
Totals	**1,350**	**32,223**	**85,954,495**	**3,051,957**	**103,467,901**	**261,282,891**

1. Under this heading are included only those head offices that are not located at the plant.

TABLE 49. Principal Statistics of the Twenty-Five Leading Manufacturing Industries Classified According to Selling Value of Factory Shipments, 1953

Industry and size group	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
1. Pulp and Paper:						
$ 25,000 to $ 49,999	2	94	334,395	13,532	107,065	160,767
50,000 " 99,999	1					
100,000 " 199,999	8	173	378,013	99,699	369,358	1,110,059
200,000 " 499,999	8	379	932,239	270,841	1,119,992	3,017,768
500,000 " 999,999	9	528	1,636,180	478,462	2,898,234	6,631,806
1,000,000 " 4,999,999	34	6,058	20,509,019	6,378,622	45,145,403	93,184,293
5,000,000 and over	65	49,004	199,439,472	73,138,359	449,710,942	1,075,560,750
Head Offices [1]	—	1,958	12,512,342	—	—	—
Totals	**127**	**58,194**	**235,741,660**	**80,379,515**	**499,350,994**	**1,179,665,443**
2. Non-ferrous Metal Smelting and Refining:						
$1,000,000 to $4,999,999	1	25,115	94,545,611	52,594,155	508,116,759	870,918,142
5,000,000 and over	17					
Totals	**18**	**25,115**	**94,545,611**	**52,594,155**	**508,116,759**	**870,918,142**
3. Motor Vehicles:						
$ 25,000 to $ 49,999	1	267	732,006	33,760	1,281,281	2,225,453
200,000 " 499,999	1					
500,000 " 999,999	2					
1,000,000 " 4,999,999	8	1,092	4,111,443	128,447	9,479,194	14,650,502
5,000,000 and over	8	31,614	126,472,685	4,085,163	546,948,611	818,678,594
Totals	**20**	**32,973**	**131,316,134**	**4,247,370**	**557,709,086**	**835,554,549**
4. Slaughtering and Meatpacking:						
$ 10,000 to $ 24,999	1	11	22,124	9,494	61,983	102,690
25,000 " 49,999	2					
50,000 " 99,999	11	54	128,298	20,741	620,059	814,953
100,000 " 199,999	14	112	245,818	40,953	1,641,028	2,031,335
200,000 " 499,999	25	297	712,396	62,071	6,032,158	7,828,726
500,000 " 999,999	25	633	1,459,568	176,269	14,870,284	17,977,126
1,000,000 " 4,999,999	32	2,110	6,526,893	489,222	65,352,845	77,950,610
5,000,000 and over	42	19,670	65,336,846	3,882,409	584,185,598	722,762,582
Totals	**152**	**22,887**	**74,431,943**	**4,681,159**	**672,763,955**	**829,468,022**
5. Petroleum Products:						
Under $10,000	2	22	48,052	14,029	49,959	123,366
$ 10,000 to $ 24,999	3					
25,000 " 49,999	1					
50,000 " 99,999	3	42	158,327	31,331	220,597	553,379
100,000 " 199,999	2					
200,000 " 499,999	5	89	300,709	26,381	907,852	1,594,899
500,000 " 999,999	5	137	512,496	200,356	2,295,990	3,538,510
1,000,000 " 4,999,999	10	516	1,796,021	361,797	13,976,883	20,871,623
5,000,000 and over	24	9,150	37,470,713	27,537,400	489,762,759	668,306,828
Head Offices [1]	—	1,902	8,288,454	—	—	—
Totals	**55**	**11,858**	**48,574,772**	**28,171,294**	**507,214,040**	**694,988,605**
6. Sawmills:						
Under $10,000	3,994	5,918	3,367,430	416,618	7,933,439	15,714,577
$ 10,000 to $ 24,999	1,538	4,520	5,185,194	515,629	13,414,523	25,016,157
25,000 " 49,999	986	5,059	7,795,058	663,328	19,045,909	35,012,001
50,000 " 99,999	789	7,172	12,938,801	987,829	30,173,170	56,273,251
100,000 " 199,999	451	6,932	14,819,158	1,069,041	32,328,479	62,206,434
200,000 " 499,999	269	7,842	20,332,194	1,089,570	41,456,688	80,857,595
500,000 " 999,999	88	5,082	14,706,057	645,950	30,811,360	59,094,589
1,000,000 " 4,999,999	65	8,118	27,398,385	1,030,807	64,754,984	118,412,182
5,000,000 and over	14	9,574	32,280,320	623,980	64,666,091	128,106,918
Head Offices [1]	—	716	3,308,406	—	—	—
Totals	**8,194**	**60,933**	**142,131,003**	**7,042,752**	**304,584,643**	**580,693,704**
7. Primary Iron and Steel:						
Under $10,000	2	50	158,907	13,356	80,312	118,862
$ 10,000 to $ 24,999	2					
25,000 " 49,999	1					
50,000 " 99,999	—	—	—	—	—	—
100,000 " 199,999	3	68	246,528	30,607	119,956	380,581
200,000 " 499,999	9	474	1,633,352	194,823	673,988	2,910,278
500,000 " 999,999	5	495	1,395,203	409,010	1,082,994	3,747,112
1,000,000 " 4,999,999	14	2,730	9,680,112	1,008,682	11,766,876	29,256,290
5,000,000 and over	26	31,126	116,530,426	27,915,845	198,650,161	422,491,132
Head Offices [1]	—	13	65,028	—	—	—
Totals	**62**	**34,956**	**129,709,556**	**29,572,323**	**212,374,287**	**458,904,255**
8. Aircraft and Parts:						
$ 10,000 to $ 24,999	2	40	117,779	4,028	19,330	198,624
25,000 " 49,999	4					
50,000 " 99,999	3	36	107,475	4,063	24,815	186,807
100,000 " 199,999	9	184	640,013	13,196	96,656	1,205,364
200,000 " 499,999	6	271	987,114	19,740	113,482	1,959,574
500,000 " 999,999	5	482	1,788,917	41,056	960,286	3,473,037
1,000,000 " 4,999,999	5	2,300	6,822,188	126,510	4,189,365	12,760,964
5,000,000 and over	9	34,735	131,912,213	2,230,297	130,353,055	378,959,902
Totals	**43**	**38,048**	**142,375,699**	**2,438,890**	**135,756,989**	**398,744,272**

1. Under this heading are included only those head offices which are not located at the plant.

TABLE 49. Principal Statistics of the Twenty-Five Leading Manufacturing Industries Classified According to Selling Value of Factory Shipments, 1953 — Continued

Industry and size group	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
9. Butter and Cheese:						
Under $10,000	30	31	17,900	3,143	136,052	153,874
$ 10,000 to $ 24,999	107	136	144,244	33,121	1,767,113	1,985,413
25,000 " 49,999	221	420	537,580	128,450	7,301,157	8,253,353
50,000 " 99,999	324	996	1,576,426	382,340	21,305,488	24,003,472
100,000 " 199,999	407	2,069	3,972,924	872,150	51,047,913	59,451,498
200,000 " 499,999	284	3,453	7,625,669	1,475,443	70,022,463	87,176,066
500,000 " 999,999	86	2,906	7,380,744	1,163,793	42,167,437	58,039,440
1,000,000 " 4,999,999	63	7,949	22,588,941	2,541,876	80,077,138	123,086,518
5,000,000 and over	5	2,737	8,663,151	652,469	20,090,878	34,806,081
Totals	**1,527**	**20,697**	**52,507,579**	**7,252,785**	**293,915,639**	**396,955,715**
10. Railway Rolling Stock:						
$ 25,000 to $ 49,999	1					
100,000 " 199,999	1	133	352,519	52,366	485,077	897,055
200,000 " 499,999	2					
500,000 " 999,999	5	359	1,118,250	76,080	2,419,214	3,856,890
1,000,000 " 4,999,999	10	3,113	10,080,241	360,343	9,545,664	23,041,316
5,000,000 and over	17	31,842	106,475,340	4,262,404	167,442,302	310,525,968
Totals	**36**	**35,447**	**118,026,350**	**4,751,193**	**179,892,257**	**338,321,229**
11. Motor Vehicle Parts:						
Under $10,000	7	13	19,330	1,310	8,010	31,902
$ 10,000 to $ 24,999	16	59	116,182	7,155	84,220	266,628
25,000 " 49,999	17	106	252,311	9,815	234,142	628,976
50,000 " 99,999	26	291	780,723	44,177	735,033	1,821,099
100,000 " 199,999	30	528	1,562,277	75,318	1,655,688	4,110,919
200,000 " 499,999	25	727	2,144,662	87,191	3,247,895	7,495,128
500,000 " 999,999	17	1,001	2,961,628	87,810	5,088,055	11,178,405
1,000,000 " 4,999,999	27	5,944	20,015,688	927,305	30,261,877	64,163,935
5,000,000 and over	14	14,625	53,105,401	2,860,600	121,009,092	217,979,678
Head Offices [1]	—	41	228,597	—	—	—
Totals	**179**	**23,335**	**81,186,799**	**4,100,681**	**162,324,012**	**307,676,670**
12. Rubber Goods, Including Footwear:						
Under $10,000	7	10	13,064	749	12,337	34,006
$ 10,000 to $ 24,999	4					
25,000 " 49,999	1	28	61,081	5,016	36,435	102,509
50,000 " 99,999	10	119	281,086	15,322	251,748	682,445
100,000 " 199,999	4	47	141,649	17,879	299,353	595,707
200,000 " 499,999	9	372	989,567	83,690	1,080,578	3,301,873
500,000 " 999,999	7	499	1,175,427	59,112	1,914,806	4,466,433
1,000,000 " 4,999,999	17	4,707	13,194,314	783,214	18,196,102	42,513,948
5,000,000 and over	13	16,728	54,814,627	2,759,728	92,545,335	239,038,538
Head Offices [1]	—	90	323,828	—	—	—
Totals	**72**	**22,600**	**70,994,643**	**3,724,710**	**114,336,694**	**290,735,459**
13. Miscellaneous Food Preparations:						
Under $10,000	36	52	42,252	7,820	90,157	162,607
$ 10,000 to $ 24,999	24	77	121,142	10,924	196,173	397,567
25,000 " 49,999	26	126	228,127	25,883	504,164	896,456
50,000 " 99,999	41	278	574,345	40,218	1,846,748	2,959,558
100,000 " 199,999	43	461	1,022,285	75,018	3,665,844	6,000,891
200,000 " 499,999	59	1,186	2,669,178	251,537	12,615,395	18,988,692
500,000 " 999,999	38	1,576	3,584,581	317,515	17,975,138	27,556,400
1,000,000 " 4,999,999	40	3,003	7,787,930	818,430	66,985,112	92,408,219
5,000,000 and over	15	2,675	8,496,006	1,575,354	96,500,005	134,996,041
Head Offices [1]	—	323	1,502,288	—	—	—
Totals	**322**	**9,757**	**26,028,134**	**3,122,699**	**200,378,736**	**284,366,431**
14. Bread and Other Bakery Products:						
Under $10,000	444	769	782,632	165,218	1,360,290	2,714,600
$ 10,000 to $ 24,999	882	2,762	4,190,311	745,506	7,471,021	14,840,289
25,000 " 49,999	550	3,095	5,610,726	787,859	10,001,796	19,300,715
50,000 " 99,999	345	3,405	6,980,102	846,907	12,025,648	23,991,737
100,000 " 199,999	149	2,718	6,023,389	701,629	10,372,338	20,849,694
200,000 " 499,999	94	3,779	8,492,835	965,870	14,045,509	29,350,058
500,000 " 999,999	53	3,921	10,347,895	1,076,646	16,738,785	37,018,695
1,000,000 " 4,999,999	51	11,131	32,401,664	2,915,647	49,388,163	110,601,269
5,000,000 and over	3	1,960	6,073,133	580,336	7,821,107	19,331,035
Totals	**2,571**	**33,540**	**80,902,687**	**8,785,618**	**129,224,657**	**277,998,092**
15. Clothing Men's, Factory:						
Under $10,000	26	56	67,209	2,394	56,232	145,014
$ 10,000 to $ 24,999	25	113	145,543	6,000	213,056	415,338
25,000 " 49,999	42	252	382,726	8,094	819,553	1,575,770
50,000 " 99,999	92	1,067	1,825,322	36,166	3,650,949	6,944,635
100,000 " 199,999	106	1,891	3,477,927	44,297	8,124,195	15,309,875
200,000 " 499,999	176	7,232	14,506,210	220,204	29,549,461	55,751,618
500,000 " 999,999	72	6,072	11,859,486	146,256	28,598,408	51,426,179
1,000,000 " 4,999,999	59	15,273	34,204,798	301,003	65,364,258	121,069,603
5,000,000 and over	3	2,938	7,239,114	64,027	10,907,868	21,307,993
Head Offices [1]	—	225	1,001,553	—	—	—
Totals	**601**	**35,119**	**74,709,888**	**828,441**	**147,283,980**	**273,946,025**

1. Under this heading are included only those head offices which are not located at the plant.

TABLE 49. Principal Statistics of the Twenty-Five Leading Manufacturing Industries Classified According to Selling Value of Factory Shipments, 1953 — Continued

Industry and size group	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
16. Flour Mills:						
Under $10,000	10	16	16,361	6,950	21,186	47,199
$ 10,000 to $ 24,999	3	6	8,322	909	45,451	59,232
25,000 " 49,999	3	7	10,086	2,300	81,578	95,698
50,000 " 99,999	9	46	91,416	18,565	515,533	669,666
100,000 " 199,999	13	91	207,210	37,602	1,687,451	2,059,548
200,000 " 499,999	9	105	258,567	39,481	2,040,316	2,579,507
500,000 " 999,999	10	178	491,270	57,050	6,329,678	7,642,817
1,000,000 " 4,999,999	20	777	2,162,516	276,658	38,338,932	45,296,103
5,000,000 and over	18	3,639	11,307,384	1,210,551	175,458,262	207,980,778
Head Offices [1]	—	97	393,178	—	—	—
Totals	**95**	**4,962**	**14,946,310**	**1,650,066**	**224,518,387**	**266,430,548**
17. Miscellaneous Electrical Apparatus and Supplies:						
Under $10,000	11	17	20,503	866	22,495	54,809
$ 10,000 to $ 24,999	14	46	83,025	4,037	94,849	222,056
25,000 " 49,999	10	86	158,858	5,835	129,219	358,168
50,000 " 99,999	16	164	437,921	15,966	414,256	1,093,975
100,000 " 199,999	20	398	963,409	35,404	1,223,504	2,958,148
200,000 " 499,999	23	997	2,545,687	89,263	3,789,112	7,875,153
500,000 " 999,999	21	1,230	3,563,083	120,504	7,696,875	15,004,435
1,000,000 " 4,999,999	28	5,007	14,247,913	691,784	26,805,228	64,487,356
5,000,000 and over	8	14,514	51,557,228	1,637,327	69,145,632	161,677,181
Head Offices [1]	—	212	993,460	—	—	—
Totals	**151**	**22,671**	**74,576,087**	**2,600,986**	**109,321,170**	**253,731,281**
18. Machinery, Heavy, Electrical:						
$ 10,000 to $ 24,999	3	23	44,617	2,731	60,907	147,675
25,000 " 49,999	2					
50,000 " 99,999	2	171	448,186	14,523	472,950	1,290,047
100,000 " 199,999	8					
200,000 " 499,999	6	332	952,134	21,295	924,587	2,553,324
500,000 " 999,999	8	676	1,828,940	52,389	2,898,552	5,531,442
1,000,000 " 4,999,999	18	4,298	14,803,389	291,935	17,673,067	44,692,576
5,000,000 and over	8	19,473	68,244,269	1,591,235	65,674,210	190,057,948
Head Offices [1]	—	481	2,038,128	—	—	—
Totals	**55**	**25,454**	**88,359,663**	**1,974,108**	**87,704,273**	**244,273,012**
19. Printing and Publishing:						
Under $10,000	170	309	534,546	47,323	209,996	1,004,661
$ 10,000 to $ 24,999	203	819	1,790,872	102,076	674,597	3,397,617
25,000 " 49,999	143	1,110	2,780,425	109,538	991,505	5,210,203
50,000 " 99,999	100	1,376	3,495,676	123,376	1,393,839	7,077,358
100,000 " 199,999	56	1,393	3,738,880	99,408	1,396,946	7,550,818
200,000 " 499,999	39	2,112	5,777,340	148,073	2,203,245	12,655,768
500,000 " 999,999	43	4,139	12,935,285	307,721	6,518,050	30,443,583
1,000,000 " 4,999,999	31	7,912	25,860,495	526,576	19,847,337	73,576,781
5,000,000 and over	10	9,278	36,753,378	670,837	33,578,660	102,975,490
Head Offices [1]	—	51	154,714	—	—	—
Totals	**795**	**28,499**	**93,821,611**	**2,134,928**	**66,814,175**	**243,892,279**
20. Furniture:						
Under $10,000	475	685	972,577	64,296	947,380	2,425,999
$ 10,000 to $ 24,999	357	1,122	2,243,046	111,005	2,268,203	5,605,541
25,000 " 49,999	229	1,359	3,099,675	113,750	3,633,655	8,085,644
50,000 " 99,999	159	1,857	4,124,518	151,253	5,428,897	11,631,264
100,000 " 199,999	135	2,796	6,814,568	207,895	9,020,815	19,322,471
200,000 " 499,999	162	6,391	16,123,248	512,972	24,677,327	50,412,938
500,000 " 999,999	71	5,807	15,641,558	447,692	22,257,723	48,102,783
1,000,000 " 4,999,999	52	9,751	26,816,387	718,311	39,513,252	85,970,714
Totals	**1,640**	**29,768**	**75,836,177**	**2,327,174**	**107,747,252**	**231,557,354**
21. Machinery, Industrial:						
Under $10,000	15	19	33,444	2,160	25,216	86,233
$ 10,000 to $ 24,999	26	101	209,495	13,428	127,387	448,251
25,000 " 49,999	37	222	576,139	26,588	398,254	1,314,851
50,000 " 99,999	41	527	1,496,155	71,547	937,154	2,983,876
100,000 " 199,999	53	1,064	3,371,063	119,718	2,129,438	7,539,344
200,000 " 499,999	40	1,657	5,091,617	150,508	4,139,101	12,543,816
500,000 " 999,999	43	3,405	11,336,583	343,842	11,674,115	30,255,761
1,000,000 " 4,999,999	52	9,815	33,888,930	926,841	36,389,232	106,927,570
5,000,000 and over	5	4,990	17,948,515	683,544	22,574,847	63,862,779
Head Offices [1]	—	363	1,343,512	—	—	—
Totals	**312**	**22,163**	**75,295,453**	**2,338,176**	**78,394,744**	**225,962,481**
22. Sheet Metal Products:						
Under $10,000	12	21	28,757	3,065	17,311	50,751
$ 10,000 to $ 24,999	27	90	199,554	11,276	172,576	466,960
25,000 " 49,999	39	227	522,910	22,314	528,650	1,418,730
50,000 " 99,999	59	617	1,618,574	64,979	1,719,260	4,325,902
100,000 " 199,999	47	931	2,458,814	104,238	2,797,013	6,830,483
200,000 " 499,999	57	1,712	5,131,561	179,905	7,751,224	17,835,489
500,000 " 999,999	27	1,639	5,060,163	210,615	9,875,929	19,680,016
1,000,000 " 4,999,999	40	8,745	28,283,609	1,135,814	45,138,583	94,338,611
5,000,000 and over	8	4,266	15,444,230	678,137	51,185,614	80,476,089
Head Offices [1]	—	27	83,659	—	—	—
Totals	**316**	**18,275**	**58,831,831**	**2,410,343**	**119,186,160**	**225,423,031**

1. Under this heading are included only those head offices which are not located at the plant.

TABLE 49. Principal Statistics of the Twenty-Five Leading Manufacturing Industries Classified According to Selling Value of Factory Shipments, 1953 — Concluded

Industry and size group	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
23. Clothing, Women's, Factory:						
Under $10,000	15	45	46,885	1,071	31,509	96,547
$ 10,000 to $ 24,999	49	214	308,983	8,560	349,886	811,959
25,000 " 49,999	78	632	1,079,094	16,700	1,453,896	2,943,796
50,000 " 99,999	128	1,647	3,243,830	36,384	4,945,263	9,729,555
100,000 " 199,999	198	3,862	8,586,964	93,070	14,877,023	28,573,283
200,000 " 499,999	241	9,676	21,531,856	177,783	38,224,035	74,848,756
500,000 " 999,999	95	7,710	17,375,628	132,656	33,698,562	64,697,932
1,000,000 " 4,999,999	26	4,491	9,664,809	77,730	22,606,714	38,708,350
Totals	**830**	**28,277**	**61,838,049**	**543,954**	**116,186,888**	**220,410,178**
24. Cotton Yarn and Cloth:						
$ 10,000 to $ 24,999	1	23	25,414	2,084	38,615	92,469
25,000 " 49,999	2					
50,000 " 99,999	2	57	89,674	5,157	188,975	346,033
100,000 " 199,999	1					
200,000 " 499,999	5	254	516,149	42,598	1,119,265	1,802,431
500,000 " 999,999	6	441	922,971	112,506	3,164,792	4,338,898
1,000,000 " 4,999,999	24	7,866	17,622,659	1,329,181	34,119,725	63,024,686
5,000,000 and over	13	13,782	32,573,441	2,485,683	94,286,173	140,616,441
Head Offices [1]	—	755	3,286,832	—	—	—
Totals	**54**	**23,178**	**55,036,540**	**3,977,209**	**132,917,545**	**210,220,958**
25. Fruit and Vegetable Preparations:						
Under $10,000	50	77	54,432	8,350	144,667	239,173
$ 10,000 to $ 24,999	51	156	196,712	26,764	491,877	845,366
25,000 " 49,999	48	310	380,937	41,208	1,107,387	1,752,839
50,000 " 99,999	64	692	992,220	104,857	2,939,861	4,844,222
100,000 " 199,999	56	1,063	1,596,428	137,605	5,064,733	8,032,102
200,000 " 499,999	95	2,888	5,193,174	488,136	18,220,763	30,028,397
500,000 " 999,999	50	3,113	6,071,824	585,144	21,669,200	35,022,532
1,000,000 " 4,999,999	37	4,434	9,813,564	736,701	32,567,659	63,791,579
5,000,000 and over	3	2,342	7,529,484	586,250	31,704,853	60,563,259
Head Offices [1]	—	310	1,010,124	—	—	—
Totals	**454**	**15,385**	**32,838,899**	**2,717,015**	**119,911,000**	**205,119,469**

1. Under this heading are included only those head offices which are not located at the plant.

Size as Measured by Number of Employees. In 1929, establishments employing 501 hands or over accounted for 27.3 p.c. of the number of employees engaged in manufacturing The tendency then in evidence of increasing concentration into larger units was checked by the depression, the percentage dropping to 20.5 in 1933, (central electric stations included), but rising again to 25.6 in 1939. The same holds true for establishments employing 101 hands or over. In 1929 they employed 61.9 p.c., in 1933, 55.7 p.c. and in 1939, 61.5 p.c.

The effect of the War on the concentration of industries into large units is illustrated by the increase in the number of establishments employing 500 hands or over. In 1939 such establishments numbered 172 and employed 25.6 p.c. of the total number of employees engaged in manufacturing. By 1944 the number had increased to 383 and the percentage of total employees to 47.0. In a further subdivision of this group in 1944 it was found that 226 establishments employed between 500 and 999 persons, 56 between 1,000 and 1,499, and 101 employed over 1,500. Altogether there were 12 plants employing over 7,000 persons, the largest having an employment of a little over 13,000 with the next three largest employing between 9,000 and 10,000. Three other plants employed between 8,000 and 9,000 persons, while the lowest five plants in this group employed between 7,000 and 8,000 workers.

With the resumption of peace-time production the larger establishments declined in size so that by 1953 only 82 establishments employed over 1,500 persons, as compared with 101 in 1944. The largest manufacturing plant in Canada in 1953 employed over 14,000 the next three largest over 10,000 while the next five largest had over 6,000. The following is the size distribution of the highest group, 1,500 and over.

Employees	Establishments
1,500 to 2,999	60
3,000 to 3,999	7
4,000 to 4,999	3
5,000 to 8,999	3
6,000 and over	9
Total	**82**

TABLE 50. Manufacturing Establishments, Classified by Number of Employees per Establishment, and by Provinces, 1953

Province	Up to 499	500 to 799	800 to 999	1,000 to 1,499	1,500 or over	Total
Newfoundland	936	1	—	1	1	939
Prince Edward Island	216	—	—	—	—	216
Nova Scotia	1,581	3	3	—	4	1,591
New Brunswick	1,085	5	1	2	1	1,094
Quebec	11,997	63	24	23	25	12,132
Ontario	12,920	91	26	31	46	13,114
Manitoba	1,532	3	—	2	3	1,540
Saskatchewan	1,062	—	—	—	—	1,062
Alberta	2,066	3	2	1	—	2,072
British Columbia	4,290	15	6	4	2	4,317
Yukon and Northwest Territories	30	—	—	—	—	30
Canada	**37,715**	**184**	**62**	**64**	**82**	**38,107**

TABLE 51. Manufacturing Establishments Classified by Number of Employees per Establishment, 1929, 1939, 1944 and 1953

Group	1929[1]			1939[2]		
	Establishments	Employees	Average per establishment	Establishments	Employees	Average per establishment
	No.	No.	No.	No.	No.	No.
Under 5 employees	12,273	30,446	2.5	13,002	28,020	2.2
5 to 20 employees	6,160	62,310	10.1	6,985	68,151	9.8
21 " 50 "	2,531	81,846	32.3	2,330	75,324	32.3
51 " 100 "	1,262	90,238	71.5	1,158	81,646	70.5
101 " 200 "	745	103,944	139.5	695	97,063	139.7
201 " 500 "	444	136,397	307.2	458	139,687	305.0
501 and over	182	189,253	1,040.0	172	168,168	977.7
Totals and averages	**23,597**	**694,434**	**29.4**	**24,800**	**658,059**	**26.5**

Group	1944			1953[4]		
	Establishments	Employees	Average per establishment	Establishments	Employees	Average per establishment
	No.	No.	No.	No.	No.	No.
Under 5 employees	13,208	29,958	2.3	17,053	37,136	2.2
5 to 14 employees	7,111	58,404	8.2	9,800	81,666	8.3
15 " 49 "	4,615	124,408	27.0	6,200	165,880	26.8
50 " 99 "	1,622	113,869	70.2	2,057	142,308	69.2
100 " 199 "	900	126,192	140.2	1,157	161,166	139.3
200 " 499 "	644	196,707	305.4	748	230,639	308.3
500 " 999 "	383	573,344	1,497.0	246	172,858	702.7
1,000 and over				146	321,469	2,201.8
Head offices[3]	—	—	—	—	14,329	—
Not classifiable	—	—	—	700	—	—
Totals and averages	**28,483**	**1,222,882**	**42.9**	**38,107**	**1,327,451**	**34.8**

1. Includes, central electric stations, dyeing, cleaning and laundry establishments.
2. Exclusive of Yukon and the Northwest Territories.
3. Under this heading are included only those head offices which are not located at the plant.
4. Includes Newfoundland.

TABLE 52. Principal Statistics of Manufacturing Industries, by Industrial Groups, Classified by Number of Employees per Establishment, 1953

Industrial group, by size	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
Canada:						
Under 5 employees	17,053	37,136	56,495,068	6,278,734	191,090,400	307,095,798
5 to 14 employees	9,800	81,666	182,933,099	13,957,329	462,343,359	823,265,480
15 " 49 "	6,200	165,880	415,526,389	27,643,659	976,685,535	1,801,544,913
50 " 99 "	2,057	142,308	370,259,875	25,858,349	887,156,841	1,656,526,802
100 " 199 "	1,157	161,166	443,058,972	36,377,764	1,134,241,497	2,096,007,865
200 " 499 "	748	230,639	699,103,989	79,159,532	1,731,056,354	3,311,945,942
500 " 999 "	246	172,858	567,786,185	84,310,442	1,430,554,829	2,752,300,942
1,000 " 1,499 "	64	76,672	268,480,221	39,579,279	662,210,346	1,241,483,447
1,500 and over	82	244,797	886,852,487	98,607,572	1,901,819,277	3,791,223,591
Not classifiable	700	—	—	—	3,400,244	4,022,074
Head Offices[1]	—	14,329	66,522,063	16,161	—	—
Totals	**38,107**	**1,327,451**	**3,957,018,348**	**411,788,821**	**9,380,558,682**	**17,785,416,854**
Foods and Beverages:						
Under 5 employees	3,951	9,291	14,459,929	3,142,883	111,146,449	141,915,788
5 to 14 employees	2,416	19,536	38,552,423	6,072,945	209,810,083	295,975,849
15 " 49 "	1,078	27,983	63,319,547	8,410,514	327,084,789	477,287,513
50 " 99 "	331	22,672	56,591,553	6,583,337	270,437,792	424,811,786
100 " 199 "	202	27,884	73,632,730	7,712,710	385,115,898	598,475,006
200 " 499 "	110	33,488	96,321,383	8,782,285	457,983,774	729,730,569
500 " 999 "	33	22,466	66,944,026	5,523,674	282,303,867	462,455,384
1,000 " 1,499 "	7	11,580	37,675,040	2,503,545	252,857,085	361,309,616
1,500 and over	1					
Head Offices[1]	—	1,749	7,783,921	16,161	—	—
Totals	**8,129**	**176,649**	**455,280,552**	**48,748,054**	**2,296,739,737**	**3,491,961,511**
Tobacco and Tobacco Products:						
Under 5 employees	20	37	54,548	4,091	90,825	183,525
5 to 14 employees	4	34	48,238	3,433	121,400	207,241
15 " 49 "	9	286	539,655	27,455	1,582,220	3,190,856
50 " 99 "	5	358	616,094	39,343	9,188,889	10,259,972
100 " 199 "	5	670	1,425,017	73,219	25,769,177	29,666,038
200 " 499 "	7	2,150	4,928,689	188,642	35,092,636	47,024,469
500 " 999 "	3	5,955	19,141,802	303,042	66,645,901	123,613,390
1,500 and over	2					
Head Offices[1]	—	4	11,600	—	—	—
Totals	**55**	**9,494**	**26,765,643**	**639,225**	**138,491,048**	**214,145,491**

1. Under this heading are included only those head offices that are not located at the plant.

TABLE 52. Principal Statistics of Manufacturing Industries, by Industrial Groups, Classified by Number of Employees per Establishment, 1953 — Continued

Industrial group, by size	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
Rubber Products:						
Under 5 employees	8	14	21,450	989	16,287	48,116
5 to 14 employees	14	112	298,179	25,396	450,575	988,778
15 " 49 "	14	355	1,012,258	70,186	2,749,011	5,876,426
50 " 99 "	8	640	1,733,221	175,990	2,392,438	6,214,821
100 " 199 "	7	1,014	2,543,074	186,678	4,156,285	8,910,265
200 " 499 "	6	2,130	6,474,944	455,984	10,141,645	26,622,423
500 " 999 "	7	4,703	13,884,352	541,072	12,782,398	37,643,862
1,000 " 1,499 "	4	5,007	15,594,187	703,541	22,823,779	53,474,246
1,500 and over	4	8,535	29,109,150	1,564,874	58,824,276	150,956,522
Head Offices [1]	—	90	323,828	—	—	—
Totals	**72**	**22,600**	**70,994,643**	**3,724,710**	**114,336,694**	**290,735,459**
Leather Products:						
Under 5 employees	146	344	570,771	23,924	995,804	1,916,607
5 to 14 employees	160	1,365	2,653,042	95,649	4,176,503	8,129,335
15 " 49 "	204	5,926	12,093,003	355,218	18,491,726	36,491,940
50 " 99 "	85	6,036	12,578,551	303,352	19,641,244	38,133,066
100 " 199 "	67	9,368	20,135,580	443,782	31,318,292	62,099,902
200 " 499 "	31	10,029	22,934,548	834,816	41,792,608	75,639,332
500 " 999 "	2					
Totals	**695**	**33,068**	**70,965,495**	**2,056,741**	**116,416,179**	**222,410,182**
Textile Products (Except Clothing):						
Under 5 employees	203	516	872,064	38,758	3,072,736	4,880,933
5 to 14 employees	275	2,343	4,798,025	208,806	10,414,118	19,323,368
15 " 49 "	251	6,678	14,922,877	813,728	44,093,689	70,788,143
50 " 99 "	91	6,494	14,797,603	951,187	42,381,711	68,425,592
100 " 199 "	56	7,913	20,136,536	1,323,437	43,962,897	76,175,336
200 " 499 "	53	16,456	42,255,818	3,005,576	84,194,498	159,260,301
500 " 999 "	18	12,122	29,734,120	2,252,428	54,347,746	105,230,022
1,000 " 1,499 "	7	7,809	19,405,169	1,440,570	48,693,465	86,649,763
1,500 and over	5	11,045	29,748,182	3,099,907	57,163,724	109,956,807
Head Offices [1]	—	1,814	7,934,222	—	—	—
Totals	**959**	**73,190**	**184,604,616**	**13,134,397**	**388,324,584**	**700,690,265**
Knitting Mills:						
Under 5 employees	36	89	167,550	7,880	539,196	949,390
5 to 14 employees	48	461	855,355	53,665	3,117,641	5,500,251
15 " 49 "	83	2,412	4,804,503	136,620	10,831,408	18,944,095
50 " 99 "	58	4,048	8,136,689	259,769	13,320,253	26,136,694
100 " 199 "	37	5,111	10,034,297	363,254	17,875,234	34,455,500
200 " 499 "	26	7,931	18,931,457	622,215	21,233,068	51,356,876
500 " 999 "	6	4,171	8,365,208	380,342	10,787,372	23,449,536
Head Offices [1]	—	190	1,125,622	—	—	—
Totals	**294**	**24,413**	**52,420,681**	**1,823,745**	**77,704,172**	**160,792,342**
Clothing (Textile and Fur):						
Under 5 employees	497	1,306	2,606,364	59,155	9,000,011	16,388,847
5 to 14 employees	822	7,326	16,135,932	272,989	35,522,387	67,150,414
15 " 49 "	969	26,816	58,421,338	695,885	97,385,436	193,158,715
50 " 99 "	313	21,413	44,204,120	530,511	82,128,502	154,934,423
100 " 199 "	129	17,445	34,203,671	375,913	62,746,151	119,153,969
200 " 499 "	50	14,710	31,251,387	322,444	53,897,521	102,951,676
500 " 999 "	7	6,404	14,130,975	134,495	20,878,474	43,450,627
1,500 and over	1					
Head Offices [1]	—	238	1,051,492	—	—	—
Totals	**2,788**	**95,658**	**202,005,279**	**2,391,392**	**361,558,482**	**697,188,671**
Wood Products:						
Under 5 employees	8,126	16,116	18,280,839	1,679,816	40,253,767	77,780,106
5 to 14 employees	2,627	21,481	43,376,697	3,026,800	97,581,288	180,479,985
15 " 49 "	1,206	31,325	77,001,233	3,984,103	168,768,155	308,367,148
50 " 99 "	308	21,231	55,485,318	2,382,445	112,883,530	209,803,624
100 " 199 "	134	18,374	50,041,237	1,901,348	98,618,959	185,799,435
200 " 499 "	46	13,311	39,000,758	1,144,078	59,617,153	132,240,891
500 " 999 "	13	11,513	38,026,270	783,240	72,008,204	147,543,623
1,000 and over	2					
Head Offices [1]	—	959	4,406,900	—	—	—
Totals	**12,462**	**134,310**	**325,619,252**	**14,901,830**	**649,731,056**	**1,242,014,812**
Paper Products:						
Under 5 employees	46	118	230,214	21,663	555,087	995,703
5 to 14 employees	100	870	2,225,840	201,201	5,846,340	10,513,443
15 " 49 "	152	4,472	10,903,040	790,276	28,565,960	51,775,931
50 " 99 "	84	6,054	16,622,947	1,482,497	49,546,458	90,746,233
100 " 199 "	69	9,697	29,874,371	3,929,865	84,668,638	152,408,884
200 " 499 "	57	17,657	61,815,482	17,010,206	167,721,806	355,775,394
500 " 999 "	33	23,384	92,423,091	32,979,027	219,258,286	500,441,049
1,000 " 1,499 "	10	12,763	53,843,116	18,828,929	108,469,039	267,739,149
1,500 and over	4	7,207	28,341,955	8,273,231	52,828,429	137,854,735
Head Offices [1]	—	2,214	13,827,651	—	—	—
Totals	**555**	**84,436**	**310,107,707**	**83,516,895**	**717,460,043**	**1,568,250,521**

1. Under this heading are included only those head offices that are not located at the plant.

TABLE 52. Principal Statistics of Manufacturing Industries, by Industrial Groups, Classified by Number of Employees per Establishment, 1953 — Concluded

Industrial group, by size	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
Printing, Publishing and Allied Industries:						
Under 5 employees	1,681	3,716	7,324,264	317,177	9,142,822	21,370,003
5 to 14 employees	1,069	8,680	22,461,988	551,001	18,037,740	54,136,051
15 " 49 "	443	11,378	32,696,050	659,204	22,609,137	74,423,384
50 " 99 "	148	10,272	31,611,493	656,382	22,937,475	79,238,846
100 " 199 "	65	8,944	27,830,628	573,291	24,167,795	74,169,787
200 " 499 "	37	11,630	37,713,058	659,408	34,104,519	109,254,393
500 " 999 "	10	6,744	24,464,777	366,021	21,342,183	67,391,310
1,000 " 1,499 "	3	5,082	21,216,982	383,876	19,480,122	59,746,524
1,500 and over	1					
Not classifiable	700	—	—	—	3,400,244	4,022,074
Head Offices [1]	—	84	307,314	—	—	—
Totals	**4,157**	**66,530**	**205,626,554**	**4,166,360**	**175,222,037**	**543,752,372**
Iron and Steel Products:						
Under 5 employees	650	1,728	4,024,304	267,161	3,853,077	11,215,042
5 to 14 employees	809	7,128	19,663,802	944,774	20,815,011	55,007,534
15 " 49 "	671	18,001	55,414,893	2,259,238	61,266,487	160,864,079
50 " 99 "	221	15,405	49,021,835	2,287,828	75,670,538	170,618,189
100 " 199 "	134	18,662	61,970,113	2,958,720	86,283,985	206,396,041
200 " 499 "	148	45,937	155,761,388	8,474,897	208,871,388	505,167,330
500 " 999 "	34	23,331	81,375,709	4,544,615	113,026,968	274,322,363
1,000 " 1,499 "	9	10,511	39,419,924	4,193,760	61,343,931	140,453,223
1,500 and over	22	46,879	174,133,932	25,523,298	275,033,854	574,507,278
Head Offices [1]	—	654	2,688,227	—	—	—
Totals	**2,698**	**188,236**	**643,474,127**	**51,454,291**	**906,165,239**	**2,098,551,079**
Transportation Equipment:						
Under 5 employees	195	426	763,203	47,755	706,689	1,988,686
5 to 14 employees	140	1,215	3,094,103	127,560	3,526,257	8,771,558
15 " 49 "	117	3,173	9,552,642	358,722	11,116,801	27,406,344
50 " 99 "	45	3,255	10,336,463	475,630	16,622,080	35,355,047
100 " 199 "	33	4,707	15,245,436	650,968	23,710,891	52,442,488
200 " 499 "	32	10,122	33,812,040	1,236,822	54,478,820	109,996,553
500 " 999 "	26	19,843	67,805,495	2,374,216	118,331,806	227,170,625
1,000 " 1,499 "	10	11,636	39,453,628	1,897,514	99,049,169	157,035,617
1,500 and over	23	101,641	375,119,545	10,609,710	783,411,068	1,469,770,715
Head Offices [1]	—	41	228,597	—	—	—
Totals	**621**	**156,059**	**555,411,152**	**17,778,897**	**1,110,953,581**	**2,089,937,633**
Non-Ferrous Metal Products:						
Under 5 employees	145	354	697,521	49,167	1,150,224	2,389,756
5 to 14 employees	165	1,430	3,739,743	168,277	6,306,569	12,569,261
15 " 49 "	121	3,210	9,136,485	456,750	37,951,930	55,089,670
50 " 99 "	50	3,370	9,803,677	638,432	21,503,251	40,746,546
100 " 199 "	25	3,579	10,088,131	744,124	47,404,363	67,979,625
200 " 499 "	24	8,190	26,704,471	7,758,302	96,140,372	161,697,159
500 " 999 "	12	8,006	26,602,891	11,560,649	173,722,638	246,711,354
1,000 " 1,499 "	2	23,153	88,361,457	36,326,707	341,948,768	654,827,623
1,500 and over	7					
Head Offices [1]	—	766	3,575,681	—	—	—
Totals	**551**	**52,058**	**178,710,057**	**57,702,408**	**726,128,115**	**1,242,010,994**
Electrical Apparatus and Supplies:						
Under 5 employees	65	153	328,517	12,931	998,376	1,805,483
5 to 14 employees	89	716	1,926,764	78,788	3,745,487	7,580,003
15 " 49 "	100	2,867	7,684,105	282,485	16,035,763	33,315,078
50 " 99 "	47	3,296	8,614,674	318,803	16,340,115	32,591,556
100 " 199 "	49	6,996	19,979,866	631,323	35,577,562	77,281,798
200 " 499 "	45	14,518	44,188,184	1,268,750	93,673,687	190,800,440
500 " 999 "	15	11,090	36,931,047	1,363,020	62,469,123	129,376,789
1,000 " 1,499 "	3	3,635	11,709,254	177,481	16,722,050	29,021,960
1,500 and over	9	32,646	115,208,664	2,823,163	138,181,831	346,417,147
Head Offices [1]	—	939	4,075,702	—	—	—
Totals	**422**	**76,856**	**250,646,777**	**6,956,744**	**383,743,994**	**848,190,254**
Non-Metallic Mineral Products:						
Under 5 employees	394	926	1,738,713	292,360	2,343,832	5,916,037
5 to 14 employees	334	2,739	6,729,451	1,052,792	8,786,743	22,939,787
15 " 49 "	221	5,922	16,630,639	4,908,774	21,376,092	67,190,650
50 " 99 "	69	4,742	14,829,037	4,963,631	18,908,094	54,045,722
100 " 199 "	49	7,141	23,325,152	8,858,519	28,748,081	93,630,980
200 " 499 "	18	5,307	17,018,389	6,951,400	24,447,066	76,953,050
500 " 999 "	8	6,835	23,841,582	7,947,015	29,508,940	88,232,966
1,000 and over	1					
Head Offices [1]	—	740	3,162,111	—	—	—
Totals	**1,094**	**34,352**	**107,275,074**	**34,974,491**	**134,118,848**	**408,909,192**

1. Under this heading are included only those head offices that are not located at the plant.

TABLE 52. Principal Statistics of Manufacturing Industries, by Industrial Groups, Classified by Number of Employees per Establishment, 1953 — Concluded

Industrial group, by size	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
Products of Petroleum and Coal:						
Under 5 employees	14	36	103,358	18,044	250,166	533,634
5 to 14 employees	17	153	464,798	55,884	2,853,551	3,657,260
15 " 49 "	24	659	2,161,476	446,360	8,753,148	17,324,102
50 " 99 "	11	676	2,381,731	1,537,860	26,350,422	37,804,203
100 " 199 "	10	1,454	5,453,201	2,374,431	50,014,057	74,915,391
200 " 499 "	16	4,800	18,959,970	13,498,546	216,322,622	289,510,715
500 " 999 "	6					
1,000 " 1,499 "	1	7,429	28,707,885	17,294,621	271,766,675	399,344,035
1,500 and over	1					
Head Offices [1]	—	1,905	8,333,015	—	—	—
Totals	**100**	**17,112**	**66,565,434**	**35,225,746**	**576,310,641**	**823,089,340**
Chemicals and Allied Products:						
Under 5 employees	371	830	1,673,247	104,447	3,716,620	8,956,838
5 to 14 employees	304	2,566	7,246,046	521,403	22,269,439	45,683,799
15 " 49 "	245	6,787	20,711,625	2,124,378	72,199,956	139,305,506
50 " 99 "	95	6,346	18,690,308	1,861,484	64,835,610	126,226,012
100 " 199 "	46	6,678	21,841,155	2,707,456	64,690,346	132,976,745
200 " 499 "	30	9,971	34,135,318	6,742,034	66,283,693	170,745,776
500 " 999 "	8	6,325	22,268,038	3,424,770	45,390,058	105,272,729
1,000 " 1,499 "	4	9,029	31,214,346	12,054,966	64,300,609	152,336,440
1,500 and over	2					
Head Office [1]	—	1,675	6,810,727	—	—	—
Totals	**1,105**	**50,207**	**164,590,810**	**29,540,938**	**403,686,331**	**881,503,845**
Miscellaneous Industries:						
Under 5 employees	505	1,133	2,578,212	187,450	3,143,469	7,755,363
5 to 14 employees	407	3,514	8,662,673	499,049	9,077,190	24,757,504
15 " 49 "	292	7,630	18,521,020	863,763	25,823,825	60,745,333
50 " 99 "	88	6,000	14,204,561	409,868	22,068,439	50,434,470
100 " 199 "	40	5,529	15,298,777	568,726	19,412,886	49,070,675
200 " 499 "	12	3,598	9,499,948	229,969	8,769,167	24,576,837
500 " 999 "	5	4,552	16,313,851	293,132	15,172,925	43,942,709
1,000 " 1,499 "	1					
Head Office [1]	—	267	875,453	—	—	—
Totals	**1,350**	**32,223**	**85,954,495**	**3,051,957**	**103,467,901**	**261,282,891**

1. Under this heading are included only those head offices that are not located at the plant.

Size of Establishment in Leading Industries. Table 53 summarizes the degree of concentration in some of the leading industries of Canada. Concentration is extremely marked in the case of motor vehicles, non-ferrous metal smelting and refining, railway rolling-stock, cotton yarn and cloth, primary iron and steel, pulp and paper, and heavy electrical machinery; whereas in the case of women's factory clothing, miscellaneous food preparations, furniture, butter and cheese, bread and other bakery products, fruit and vegetable preparations, sawmills and men's factory clothing, the degree of concentration is low. This concentration is analysed in detail for each of the twenty-five leading industries in the tables following.

TABLE 53. Percentage Importance of Establishments, each Employing 200 or more Persons in the Twenty-Five Leading Industries, 1953

	Industry	Number of such establishments	Percentage of total number in the industry	Percentage of total shipments in the industry
1	Pulp and paper	76	60.0	94.2
2	Non-ferrous metal smelting and refining	17	94.4	99.9
3	Motor vehicles	10	50.0	98.5
4	Slaughtering and meatpacking	30	19.7	75.5
5	Petroleum products	16	29.1	83.9
6	Sawmills	23	0.3	27.4
7	Primary iron and steel	30	48.4	92.6
8	Aircraft and parts	13	30.2	97.8
9	Butter and cheese	17	1.1	19.1
10	Railway rolling stock	24	66.7	96.7
11	Motor vehicle parts	22	12.3	80.2
12	Rubber goods, including footwear	21	29.2	92.4
13	Miscellaneous food preparations	4	1.2	15.6
14	Bread and other bakery products	24	0.9	29.0
15	Clothing, men's factory	37	6.2	40.0
16	Flour mills	9	9.5	50.6
17	Miscellaneous electrical apparatus and supplies	17	11.3	75.9
18	Machinery, heavy, electrical	19	34.5	90.0
19	Printing and publishing	30	3.8	66.6
20	Furniture	17	1.0	17.6
21	Machinery, industrial	28	9.0	55.7
22	Sheet metal products	26	8.2	61.6
23	Clothing, women's, factory	9	1.1	6.7
24	Cotton yarn adn cloth	30	55.6	92.7
25	Fruit and vegetable preparations	4	0.9	30.5

TABLE 54. Principal Statistics of the Twenty-Five Leading Manufacturing Industries Classified According to the Number of Employees per Establishment, 1953

Industry and size group	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
1. Pulp and Paper:						
5 to 14 employees	5	59	146,168	84,167	182,035	698,857
15 " 49 "	13	405	1,132,869	367,557	2,403,924	5,301,602
50 " 99 "	15	1,011	3,305,671	917,638	7,322,214	16,425,857
100 " 199 "	18	2,526	8,584,242	2,916,258	22,893,643	46,200,979
200 " 499 "	32	10,773	41,266,285	16,249,079	97,680,571	229,980,724
500 " 999 "	30	21,492	86,609,012	32,742,656	207,571,139	475,463,540
1,000 " 1,499 "	10	12,763	53,843,116	18,828,929	108,469,039	267,739,149
1,500 and over	4	7,207	28,341,955	8,273,231	52,828,429	137,854,735
Head Offices [1]	—	1,958	12,512,342	—	—	—
Totals	**127**	**58,194**	**235,741,660**	**80,379,515**	**499,350,994**	**1,179,665,443**
2. Non-ferrous Metal Smelting and Refining:						
100 to 199 employees	1	2,254	8,200,254	7,030,333	58,778,780	91,235,381
200 " 499 "	5					
500 " 999 "	5	4,831	16,746,453	12,661,788	185,358,342	216,462,543
1,000 " 1,499 "	1					
1,500 and over	6	18,030	69,598,904	32,902,034	263,979,637	563,220,218
Totals	**18**	**25,115**	**94,545,611**	**52,594,155**	**508,116,759**	**870,918,142**
3. Motor Vehicles:						
15 to 49 employees	2	479	1,800,773	105,987	6,008,453	8,651,735
50 " 99 "	5					
100 " 199 "	3	396	1,177,784	32,921	2,760,034	4,169,996
200 " 499 "	4	1,186	4,233,793	125,214	9,744,777	15,756,267
500 " 999 "	2	3,055	10,786,641	667,319	62,887,796	83,516,991
1,000 " 1,499 "	1					
1,500 and over	3	27,857	113,317,143	3,315,929	476,308,026	723,459,560
Totals	**20**	**32,973**	**131,316,134**	**4,247,370**	**557,709,086**	**835,554,549**
4. Slaughtering and Meat packing:						
Under 5 employees	10	28	57,599	12,392	763,975	910,320
5 to 14 employees	44	405	952,833	119,957	14,666,428	16,981,066
15 " 49 "	37	968	2,678,639	257,622	39,027,819	44,935,750
50 " 99 "	16	1,085	3,257,062	298,701	39,338,098	46,236,217
100 " 199 "	15	2,092	6,557,603	626,024	77,297,130	94,228,348
200 " 499 "	18	5,710	19,010,807	1,074,523	157,778,501	194,493,128
500 " 999 "	7	4,831	15,817,013	688,750	120,406,250	149,478,083
1,000 " 1,499 "	4	7,768	26,100,387	1,603,190	223,485,754	282,205,110
1,500 and over	1					
Totals	**152**	**22,887**	**74,431,943**	**4,681,159**	**672,763,955**	**829,468,022**
5. Petroleum Products:						
Under 5 employees	5	9	21,643	1,097	52,855	144,076
5 to 14 employees	7	57	177,778	23,812	760,556	1,404,181
15 " 49 "	13	379	1,292,446	349,857	7,071,652	12,508,058
50 " 99 "	7	428	1,563,279	838,941	21,215,928	29,560,703
100 " 199 "	7	996	4,052,336	2,127,108	48,177,561	68,322,292
200 " 499 "	11	3,160	12,994,734	9,165,182	179,397,895	229,677,369
500 " 999 "	4	4,927	20,184,102	15,665,297	250,537,593	353,371,926
1,500 and over	1					
Head Offices [1]	—	1,902	8,288,454	—	—	—
Totals	**55**	**11,858**	**48,574,772**	**28,171,294**	**507,214,040**	**694,988,605**
6. Sawmills:						
Under 5 employees	5,886	11,592	10,401,482	1,134,937	29,082,573	53,970,318
5 to 14 employees	1,640	13,305	24,767,154	1,977,631	61,008,086	113,836,491
15 " 49 "	527	12,972	32,438,657	1,858,225	72,572,431	136,578,552
50 " 99 "	82	5,628	15,710,303	684,924	33,562,671	63,364,893
100 " 199 "	36	5,050	15,849,805	606,100	30,902,165	59,649,992
200 " 499 "	12	3,314	11,450,850	226,942	20,401,511	41,780,834
500 " 999 "	10	8,356	28,204,346	553,993	57,055,206	111,512,624
1,000 " 1,499 "	1					
Head Offices [1]	—	716	3,308,406	—	—	—
Totals	**8,194**	**60,933**	**142,131,003**	**7,042,752**	**304,584,643**	**580,693,704**

1. Under this heading are included only those head offices which are not located at the plant.

TABLE 54. Principal Statistics of the Twenty-Five Leading Manufacturing Industries Classified According to the Number of Employees per Establishment, 1953 — Continued

Industry and size group	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
7. Primary Iron and Steel:						
5 to 14 employees	5	33	117,512	14,878	105,752	210,401
15 " 49 "	9	300	1,055,110	158,552	609,058	2,169,444
50 " 99 "	6	433	1,296,162	366,567	3,100,436	5,733,113
100 " 199 "	12	1,706	5,890,353	714,307	14,225,369	26,012,311
200 " 499 "	12	3,270	11,885,727	2,352,058	14,371,322	40,251,436
500 " 999 "	2	2,579	10,034,622	3,028,847	19,817,226	40,919,261
1,000 " 1,499 "	1					
1,500 and over	15	26,622	99,365,042	22,937,114	160,145,124	343,608,289
Head Offices [1]	—	13	65,028	—	—	—
Totals	**62**	**34,956**	**129,709,556**	**29,572,323**	**212,374,287**	**458,904,255**
8. Aircraft and Parts:						
Under 5 employees	3	9	30,385	776	2,479	67,057
5 to 14 employees	8	85	273,207	7,112	60,352	591,054
15 " 49 "	13	384	1,360,110	32,274	749,646	3,397,559
50 " 99 "	4	552	1,923,015	32,102	834,954	4,688,175
100 " 199 "	2					
200 " 499 "	3	916	3,004,296	92,132	4,355,330	8,633,234
500 " 999 "	3	4,912	15,262,638	244,815	10,572,453	28,747,283
1,000 " 1,499 "	2					
1,500 and over	5	31,190	120,522,048	2,029,679	119,181,775	352,619,910
Totals	**43**	**38,048**	**142,375,699**	**2,438,890**	**135,756,989**	**398,744,272**
9. Butter and Cheese:						
Under 5 employees	910	2,256	3,367,874	864,740	63,452,276	70,622,548
5 to 14 employees	388	3,071	6,526,011	1,478,131	74,214,759	89,491,697
15 " 49 "	155	3,961	9,462,339	1,820,030	59,709,285	80,766,808
50 " 99 "	36	2,526	6,705,310	807,627	23,849,508	37,587,553
100 " 199 "	21	2,882	7,998,506	819,169	27,512,448	42,601,321
200 " 499 "	13	3,668	10,992,883	906,233	28,201,266	46,899,511
500 " 999 "	4	2,333	7,454,656	556,855	16,976,097	28,986,277
Totals	**1,527**	**20,697**	**52,507,579**	**7,252,785**	**293,915,639**	**396,955,715**
10. Railway Rolling Stock:						
5 to 14 employees	2	95	316,386	16,163	1,474,616	2,013,516
15 " 49 "	3					
50 " 99 "	3	208	559,239	55,834	1,732,271	3,512,432
100 " 199 "	4	530	1,769,046	110,669	2,423,073	5,589,679
200 " 499 "	5	1,458	4,713,434	199,771	2,977,375	8,537,757
500 " 999 "	7	5,135	17,005,106	711,627	36,977,427	62,968,965
1,000 " 1,499 "	3	3,452	12,055,168	632,198	27,647,324	43,768,348
1,500 and over	9	24,569	81,607,971	3,024,931	106,660,171	211,930,532
Totals	**36**	**35,447**	**118,026,350**	**4,751,193**	**179,892,257**	**338,321,229**
11. Motor Vehicle Parts:						
Under 5 employees	26	71	174,597	12,308	159,286	564,157
5 to 14 employees	50	454	1,205,519	54,785	2,006,492	4,412,048
15 " 49 "	49	1,284	3,793,684	166,056	5,191,953	12,100,665
50 " 99 "	16	1,154	3,446,841	152,196	5,994,204	12,415,615
100 " 199 "	16	2,279	7,385,344	342,445	16,079,948	31,288,960
200 " 499 "	11	3,622	12,998,491	570,053	29,252,057	55,364,392
500 " 999 "	7	5,098	17,824,148	736,284,	23,001,936	53,491,570
1,000 " 1,499 "	2	9,332	34,129,578	2,066,554	80,638,136	138,039,263
1,500 and over	2					
Head Offices [1]	—	41	228,597	—	—	—
Totals	**179**	**23,335**	**81,186,799**	**4,100,681**	**162,324,012**	**307,676,670**
12. Rubber Goods, Including Footwear:						
Under 5 employees	8	14	21,450	989	16,287	48,116
5 to 14 employees	14	112	298,179	25,396	450,575	988,778
15 " 49 "	14	355	1,012,258	70,186	2,749,011	5,876,426
50 " 99 "	8	640	1,733,221	175,990	2,392,438	6,214,821
100 " 199 "	7	1,014	2,543,074	186,678	4,156,285	8,910,265
200 " 499 "	6	2,130	6,474,944	455,984	10,141,645	26,622,423
500 " 999 "	7	4,703	13,884,352	541,072	12,782,398	37,643,862
1,000 " 1,499 "	4	5,007	15,594,187	703,541	22,823,779	53,474,246
1,500 and over	4	8,535	29,109,150	1,564,874	58,824,276	150,956,522
Head Offices [1]	—	90	323,828	—	—	—
Totals	**72**	**22,600**	**70,994,643**	**3,724,710**	**114,336,694**	**290,735,459**

1. Under this heading are included only those head offices which are not located at the plant.

TABLE 54. Principal Statistics of the Twenty-Five Leading Manufacturing Industries Classified According to the Number of Employees per Establishment, 1953 — Continued

Industry and size group	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
13. Miscellaneous Food Preparations:						
Under 5 employees	86	204	368,275	31,695	1,488,931	2,432,692
5 to 14 employees	103	862	1,974,413	174,515	15,381,134	20,563,369
15 " 49 "	79	2,205	5,302,609	502,002	35,613,902	50,134,062
50 " 99 "	31	2,189	5,546,001	938,077	49,621,948	69,893,686
100 " 199 "	19	2,760	7,340,364	573,330	70,266,659	96,973,370
200 " 499 "	4	1,214	3,994,576	903,080	28,006,162	44,369,252
Head Offices [1]	—	323	1,501,896	—	—	—
Totals	**322**	**9,757**	**26,028,134**	**3,122,699**	**200,378,736**	**284,366,431**
14. Bread and Other Bakery Products:						
Under 5 employees	1,391	3,455	5,646,350	1,080,520	11,155,253	21,816,849
5 to 14 employees	852	6,655	12,563,721	1,597,080	21,704,995	42,827,900
15 " 49 "	204	5,241	11,781,294	1,365,982	20,763,123	42,594,065
50 " 99 "	66	4,381	11,350,462	1,136,932	18,252,346	40,462,831
100 " 199 "	34	4,691	13,078,055	1,218,377	22,684,716	49,714,595
200 " 499 "	18	5,470	15,151,100	1,368,776	22,234,391	49,950,429
500 " 999 "	6	3,647	11,331,705	1,017,951	12,429,833	30,631,423
Totals	**2,571**	**33,540**	**80,902,687**	**8,785,618**	**129,224,657**	**277,998,092**
15. Clothing, Men's Factory:						
Under 5 employees	103	241	532,613	8,579	3,394,493	6,451,908
5 to 14 employees	135	1,201	2,708,708	43,032	10,923,177	20,567,102
15 " 49 "	180	5,238	10,704,642	152,344	21,352,564	40,827,113
50 " 99 "	100	7,033	13,383,020	189,131	28,959,425	50,835,168
100 " 199 "	46	6,440	13,463,819	134,329	25,273,685	45,646,874
200 " 499 "	30	9,184	20,098,093	182,056	38,605,161	71,519,339
500 " 999 "	6	5,557	12,817,440	118,970	18,775,475	38,098,521
1,500 and over	1					
Head Offices [1]	—	225	1,001,553	—	—	—
Totals	**601**	**35,119**	**74,709,888**	**828,441**	**147,283,980**	**273,946,025**
16. Flour Mills:						
Under 5 employees	22	49	77,327	23,326	709,041	856,722
5 to 14 employees	26	223	558,647	90,761	6,237,445	7,386,125
15 " 49 "	26	672	1,935,430	258,846	32,946,548	39,676,409
50 " 99 "	5	417	1,325,557	193,039	26,054,794	30,008,035
100 " 199 "	7	950	2,483,428	407,908	45,870,375	53,766,993
200 " 499 "	9	2,554	8,172,743	676,188	112,700,184	134,736,264
Head Offices [1]	—	97	393,178	—	—	—
Totals	**95**	**4,962**	**14,946,310**	**1,650,068**	**224,518,387**	**266,430,548**
17. Miscellaneous Electrical Apparatus and Supplies:						
Under 5 employees	24	55	95,232	4,848	118,625	299,472
5 to 14 employees	36	279	755,407	29,295	1,667,586	3,408,547
15 " 49 "	38	1,151	3,150,758	154,451	9,203,644	18,092,858
50 " 99 "	23	1,615	4,517,327	179,083	9,706,998	18,195,161
100 " 199 "	13	1,839	5,128,081	187,291	7,256,337	21,153,070
200 " 499 "	10	3,250	9,598,834	478,850	19,180,852	41,288,176
500 " 999 "	5	14,270	50,336,988	1,567,168	62,187,128	151,293,997
1,500 and over	2					
Head Offices [1]	—	212	993,460	—	—	—
Totals	**151**	**22,671**	**74,576,087**	**2,600,986**	**109,321,170**	**253,731,281**
18. Machinery, Heavy, Electrical:						
Under 5 employees	3	11	28,447	711	93,602	153,415
5 to 14 employees	6	48	132,914	4,114	207,518	439,780
15 " 49 "	9	221	640,741	20,348	947,781	2,338,969
50 " 99 "	9	636	1,655,740	48,250	2,356,486	4,934,977
100 " 199 "	9	1,231	4,413,522	87,677	6,640,871	16,568,102
200 " 499 "	11	3,353	11,205,902	221,773	11,783,805	29,779,821
500 " 999 "	3	4,462	14,424,995	251,526	15,776,713	36,740,225
1,000 " 1,499 "	2					
1,500 and over	3	15,011	53,819,274	1,339,709	49,897,497	153,317,723
Head Offices [1]	—	481	2,038,128	—	—	—
Totals	**55**	**25,454**	**88,359,663**	**1,974,108**	**87,704,273**	**244,273,012**

1. Under this heading are included only those head offices which are not located at the plant.

TABLE 54. Principal Statistics of the Twenty-Five Leading Manufacturing Industries Classified According to the Number of Employees per Establishment, 1953 — Continued

Industry and size group	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
19. Printing and Publishing:						
Under 5 employees	321	799	1,728,508	121,867	748,822	3,548,373
5 to 14 employees	258	2,082	5,386,053	205,843	1,970,706	10,559,050
15 " 49 "	110	2,776	7,284,842	208,342	2,840,400	14,865,566
50 " 99 "	50	3,722	11,008,451	281,325	5,117,921	26,643,138
100 " 199 "	26	3,345	10,472,911	251,448	5,915,971	25,846,168
200 " 499 "	19	5,819	18,838,058	368,010	15,208,618	54,885,983
500 " 999 "	7	4,823	17,731,092	314,217	15,531,615	47,797,477
1,000 " 1,499 "	3	5,082	21,216,982	383,876	19,480,122	59,746,524
1,500 and over	1					
Head Offices [1]	—	51	154,714	—	—	—
Totals	**795**	**28,499**	**93,821,611**	**2,134,928**	**66,814,175**	**243,892,279**
20. Furniture:						
Under 5 employees	869	1,840	3,559,137	185,436	4,486,717	10,054,916
5 to 14 employees	332	2,763	6,521,855	218,210	9,551,053	19,552,989
15 " 49 "	286	7,419	18,471,783	564,751	30,015,370	60,224,789
50 " 99 "	88	6,134	16,050,179	520,107	22,950,449	48,862,550
100 " 199 "	48	6,260	16,580,073	479,073	24,342,664	52,041,027
200 " 499 "	16	5,352	14,653,150	359,597	16,400,999	40,821,083
500 " 999 "	1					
Totals	**1,640**	**29,768**	**75,836,177**	**2,327,174**	**107,747,252**	**231,557,354**
21. Machinery, Industrial:						
Under 5 employees	54	145	344,597	23,716	466,444	1,359,246
5 to 14 employees	72	653	1,978,963	76,778	2,056,669	5,748,879
15 " 49 "	88	2,572	8,116,993	264,713	6,983,108	21,494,756
50 " 99 "	41	3,047	10,284,562	289,336	14,948,286	33,659,722
100 " 199 "	29	3,820	13,368,380	330,771	10,890,048	37,820,518
200 " 499 "	23	6,573	21,909,931	669,318	20,475,342	62,016,581
500 " 999 "	4	4,990	17,948,515	683,544	22,574,847	63,862,779
1,500 and over	1					
Head Offices [1]	—	363	1,343,512	—	—	—
Totals	**312**	**22,163**	**75,295,453**	**2,338,176**	**78,394,744**	**225,962,481**
22. Sheet Metal Products:						
Under 5 employees	50	138	328,514	21,021	494,592	1,096,197
5 to 14 employees	98	874	2,285,132	87,221	3,891,798	8,276,729
15 " 49 "	98	2,574	7,542,893	316,250	12,453,756	27,175,819
50 " 99 "	32	2,382	7,411,763	326,166	15,278,422	31,298,422
100 " 199 "	12	1,598	4,871,193	211,773	9,189,897	18,674,283
200 " 499 "	20	6,342	21,768,787	928,214	51,679,954	90,653,843
500 " 999 "	5	4,340	14,539,890	519,698	26,197,741	48,247,738
1,000 " 1,499 "	1					
Head Offices [1]	—	27	83,659	—	—	—
Totals	**316**	**18,275**	**58,831,831**	**2,410,343**	**119,186,160**	**225,423,031**
23. Clothing, Women's, Factory:						
Under 5 employees	67	178	367,622	8,235	1,319,486	2,561,871
5 to 14 employees	214	2,074	4,429,619	58,937	8,047,159	15,641,265
15 " 49 "	382	10,788	24,361,702	222,308	42,819,210	83,685,017
50 " 99 "	117	7,727	17,235,320	130,561	32,348,018	62,572,884
100 " 199 "	41	5,331	10,725,941	86,464	23,114,046	41,259,938
200 " 499 "	9	2,179	4,717,845	37,449	8,538,969	14,689,203
Totals	**830**	**28,277**	**61,838,049**	**543,954**	**116,186,888**	**220,410,178**
24. Cotton Yarn and Cloth:						
Under 5 employees	1	29	37,578	3,369	85,728	164,081
5 to 14 employees	3					
15 " 49 "	7	188	441,324	16,274	1,714,172	2,508,005
50 " 99 "	7	587	1,181,276	117,136	3,537,357	5,430,619
100 " 199 "	6	769	1,801,896	177,852	4,919,179	7,324,290
200 " 499 "	14	4,331	10,362,185	753,998	25,828,687	44,572,020
500 " 999 "	8	5,092	12,363,901	1,077,832	25,868,907	45,397,936
1,000 " 1,499 "	5	5,729	12,327,123	964,419	29,578,669	47,694,057
1,500 and over	3	5,698	13,234,425	866,329	41,384,846	57,129,950
Head Offices [1]	—	755	3,286,832	—	—	—
Totals	**54**	**23,178**	**55,036,540**	**3,977,209**	**132,917,545**	**210,220,958**

1. Under this heading are included only those head offices which are not located at the plant.

TABLE 54. Principal Statistics of the Twenty-Five Leading Manufacturing Industries Classified According to the Number of Employees per Establishment, 1953 — Concluded

Industry and size group	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
25. Fruit and Vegetable Preparations:						
Under 5 employees	112	246	316,348	41,191	1,352,954	2,106,996
5 to 14 employees	117	1,031	1,593,691	160,196	6,670,193	10,500,070
15 " 49 "	143	3,945	7,131,150	676,253	25,660,309	42,119,769
50 " 99 "	49	3,263	6,371,912	627,268	24,591,159	39,367,570
100 " 199 "	29	4,017	8,408,599	607,900	28,871,105	48,440,099
200 " 499 "	2	2,573	8,007,075	604,207	32,765,280	62,584,965
500 " 999 "	2					
Head Offices[1]	—	310	1,010,124	—	—	—
Totals	**454**	**15,385**	**32,838,899**	**2,717,015**	**119,911,000**	**205,119,469**

1. Under this heading are included only those head offices which are not located at the plant.

Subsection 7. Fuel and Power Consumption

Cost of Fuel and Electricity. Fuel is used quite generally throughout the industrial field for the generation of power by means of steam and internal combustion engines. It is also used for the heating of plants, and for providing the heat necessary to some manufacturing processes. The most important industries where heat is applied to the materials to facilitate or accomplish the desired transformation are foundries and machine shops, brick, tile, lime, and cement-making, petroleum refining, the glass industry, distilleries, food preparation, rubber goods, etc. Fuel used for such heating purposes, as well as for power, is included in the figures of Table 55. In addition to the electricity used for ordinary power purposes, the figures include also the electricity used for heating boilers in the pulp and paper industry. Consumption of surplus energy in electric boilers increased rapidly during the years preceding the Second World War.

The figures of the table do not include coke charged to iron-blast furnaces or foundry cupolas. Neither do they include fuels that constitute the raw materials to be transformed, as coal in the coke and gas industries and crude petroleum in the refining industry.

The value of purchased fuel consumed increased 354 p.c. from 1939 to 1953. Part of the increase was due to an increase in the quantity used and part to the rise in the unit cost of fuels of all kinds. The cost of electricity purchased, on the other hand, has increased during the same period by 202 p.c. The groups of industries in which fuel was most extensively used in 1953 were: paper products, foods and beverages, iron and steel, products of petroleum and coal, non-metallic mineral products, non-ferrous metal products and chemicals and allied products.

Of the total cost of purchased fuel and electricity for Canada as a whole in 1953, 62.9 p.c. was for fuel and 37.1 for electricity. Percentage wise, Newfoundland with 89.3 p.c. of the total was the largest user of fuel, while Quebec with 50.4 p.c. was the smallest. Provinces lacking in water power resources naturally have to rely on fuel for power, and for this reason the percentage that fuel is to the total is much higher than in Provinces such as Quebec where there is an abundant supply of water for power purposes. In the Provinces of Prince Edward Island, Nova Scotia, New Brunswick, Saskatchewan, and Alberta, primary power produced from fuels is an important factor in power utilization.

Power Consumption. Power equipment installed in manufacturing establishments is a very good barometer of the industrial development of Canada, inasmuch as production is increasingly dependent on power equipment. Increases and decreases in productive capacity, measured in horse-power, are not the result of temporary fluctuations in cost and values in the same manner as capital investments, values of products, etc. Of course, power equipment installed is not a measure of the actual utilization of power for there is generally an excess over actual requirements, i.e., over power equipment in operation. Producers must have an installed operating margin in excess of normal requirements to provide for booming business conditions or breakdown of part of the plant. In times of depression this margin increases. During short periods of expanded production, the number of horse-power per wage-earner tends to decrease in view of the fact power equipment is not immediately increased, the expanded production being secured through overtime work or an increase in the number of shifts worked.

Of the total increase in power equipment employed in manufacturing industries between 1939 and 1953, 75 p.c. was in electric motors operated by power purchased from central electric stations. However, some sections of Canada are not well provided with water power and in such sections primary power derived from steam engines or turbines, and internal combustion engines—which include all gasoline engines, gas engines (natural, coal, and producer gas), and compression-ignition engines—also has increased rapidly during the period covered. During the period 1939-1953 there was an increase of 31 p.c. in the capacity of hydraulic turbines and water wheels, 56 p.c. in the capacity of steam engines and steam turbines, 115 p.c. in the capacity of electric motors, while internal combustion engines increased more than fivefold. The collection of statistics on power equipment was discontinued in 1949, but was collected again for 1953.

Power consumed by the manufacturing industries, purchased power as well as power generated for own use, totalled 40.9 billion K.W.H. in 1953, an increase of 111 p.c. as compared with 1939. Of the total consumed, Quebec used 54.9 p.c., Ontario 27.7 p.c., British Columbia 7.8 p.c., Newfoundland 2.2 p.c., New Brunswick 1.9 p.c., and Manitoba 1.9 p.c.

The paper products group with 36.3 p.c. of the total was the largest user of electric power. This group was also the largest user of purchased fuel. The non-ferrous metal products group was the second largest user of power with 32.7 p.c., followed by chemicals and allied products with 9.2 p.c., iron and steel products 6.4 p.c., non-metallic mineral products 4.3 p.c., foods and beverages 2.6 p.c. etc.

Table 55 gives details of purchased fuel and electricity as well as power consumption by industrial groups and provinces. Table 56 gives details of power equipment and Tables 57 and 58 give details of fuel consumption for selected years from 1926 to 1953.

TABLE 55. Value of Fuel and Electricity Used by the Manufacturing Industries of Canada, 1939-52 with Details by Provinces and Industrial Groups, 1953

Note: Includes fuel and electricity used in smelters for metallurgical purposes.

Year, Province or Group	Value of purchased fuel	Value of purchased electricity	Total	Consumption of electric power		
				Purchased	Generated for own use	Total
	$	$	$	1000 K.W.H.	1000 K.W.H.	1000 K.W.H.
1939	57,063,131	50,509,121	107,572,252	17,072,764	2,357,669	19,430,433
1940	78,550,913	58,429,262	136,980,175	17,954,995	2,640,918	20,595,913
1941	102,886,816	71,754,501	174,641,317	20,289,238	2,840,841	23,130,079
1942	121,512,643	85,205,846	206,718,489	23,650,840	3,345,443	26,996,283
1943	134,004,345	91,950,030	225,954,375	26,399,730	3,211,610	29,611,340
1944	137,883,770	87,699,383	225,583,153	25,777,238	2,752,124	28,529,362
1945	128,384,255	83,999,865	212,384,120	23,986,993	2,362,260	26,349,253
1946	127,179,620	83,273,105	210,452,725	25,250,876	2,714,261	27,965,137
1947	163,813,503	90,876,176	254,689,679	26,728,239	3,467,535	30,195,774
1948	209,063,839	94,475,355	303,539,194	24,907,413	4,590,676	29,498,089
1949	208,776,571	97,019,231	305,795,802	25,067,855	5,898,390	30,966,245
1950	229,993,079	106,940,541	336,933,620	27,482,129	6,266,050	33,748,179
1951	252,573,952	124,140,044	376,713,996	31,243,249	6,369,094	37,612,343
1952	257,443,536	135,537,806	392,981,342	32,418,626	6,450,729	38,869,355
Provinces, 1953						
Newfoundland	3,365,144	402,741	3,767,885	22,408	889,100	911,508
Prince Edward Island	235,595	120,816	356,411	4,275	–	4,275
Nova Scotia	8,924,710	2,626,854	11,551,564	312,042	186,026	498,068
New Brunswick	8,557,382	2,777,981	11,335,363	416,335	374,004	790,339
Quebec	73,416,534	72,347,718	145,764,252	21,679,033	774,883	22,453,916
Ontario	128,254,809	57,989,157	186,243,966	9,248,882	2,073,067	11,321,949
Manitoba	6,078,677	3,593,228	9,671,905	744,972	6,656	751,628
Saskatchewan	4,499,849	1,867,963	6,367,812	376,505	40,353	416,858
Alberta	6,548,320	3,384,917	9,933,237	397,140	177,136	574,276
British Columbia	19,188,948	7,452,773	26,641,721	824,256	2,379,358	3,203,614
Yukon and Northwest Territories	142,525	12,180	154,705	287	860	1,147
Canada	**259,212,493**	**152,576,328**	**411,788,821**	**34,026,135**	**6,901,443**	**40,927,578**
Industrial Groups, 1953						
Foods and beverages	36,369,870	12,378,184	48,748,054	1,026,993	43,762	1,070,755
Tobacco and tobacco products	405,706	233,519	639,225	18,395	–	18,395
Rubber products	1,855,107	1,869,603	3,724,710	250,293	7,747	258,040
Leather products	1,223,075	833,666	2,056,741	51,274	–	51,274
Textile products (except clothing)	7,812,938	5,321,459	13,134,397	593,380	79,385	672,765
Knitting mills	1,208,002	615,743	1,823,745	44,933	1,087	46,020
Clothing (textile and fur)	929,932	1,461,460	2,391,392	63,562	–	63,562
Wood products	8,342,878	6,558,952	14,901,830	405,274	159,304	564,578
Paper products	49,449,594	34,067,301	83,516,895	10,563,309	4,273,112	14,836,421
Printing publishing and allied industries	1,978,888	2,187,472	4,166,360	126,596	–	126,596
Iron and steel products	32,681,616	18,772,675	51,454,291	2,457,260	167,522	2,624,782
Transportation equipment	11,101,193	6,677,704	17,778,897	676,396	109,240	785,636
Non-ferrous metal products	25,840,401	31,862,007	57,702,408	12,600,474	790,145	13,390,619
Electrical apparatus and supplies	3,490,134	3,466,610	6,956,744	348,407	10,220	358,626
Non-metallic mineral products	25,938,982	9,035,509	34,974,491	1,742,253	25,050	1,767,303
Products of petroleum and coal	32,342,588	2,883,158	35,225,746	381,405	10,777	392,182
Chemicals and allied products	16,761,944	12,778,994	29,540,938	2,545,458	1,224,087	3,769,546
Miscellaneous industries	1,479,645	1,572,312	3,051,957	130,473	5	130,478

TABLE 56. Power Equipment Installed in the Manufacturing Industries of Canada, 1926-48, with Details by Provinces and Industrial Groups, 1953

Year and province or group	Steam engines and turbines	Internal combustion engines	Hydraulic turbines and water wheels	Total	Electric motors operated by purchased power	Total power equipment	Electric motors operated by power generated by establishments reporting	Total electric motors
	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.
Totals, 1926	698,343	56,068	603,618	1,358,029	1,764,348	3,122,377	391,708	2,156,056
1929	762,697	60,841	645,270	1,468,808	2,386,840	3,855,648	495,921	2,882,761
1933	738,297	76,583	657,683	1,472,563	2,662,445	4,135,008	497,392	3,159,837
1937	834,703	98,233	649,557	1,582,493	3,129,790	4,712,283	602,955	3,732,745
1939	827,801	121,997	731,390	1,681,188	3,364,099	5,045,287	694,450	4,058,549
1944	1,013,615	288,312	729,216	2,031,143	4,437,296	6,468,439	779,717	5,217,013
1946	1,032,639	368,458	732,859	2,133,956	4,649,993	6,783,949	820,371	5,470,364
1948	1,076,411	544,888	1,150,308	2,771,607	5,387,807	8,159,414	931,312	6,319,119
Province, 1953								
Newfoundland	16,015	14,468	235,935	266,418	15,557	281,975	225,504	241,061
Prince Edward Island	651	3,323	632	4,606	3,034	7,640	—	3,034
Nova Scotia	58,880	38,590	13,100	110,570	144,638	255,208	82,711	227,349
New Brunswick	96,125	26,070	14,030	136,225	186,253	322,478	88,556	274,809
Quebec	233,411	111,508	253,880	598,799	2,887,658	3,486,457	173,419	3,061,077
Ontario	554,856	168,009	316,958	1,039,823	3,108,826	4,148,649	423,112	3,531,938
Manitoba	10,675	14,907	28	25,610	207,057	232,667	6,219	213,276
Saskatchewan	17,168	30,355	—	47,523	65,845	113,368	1,997	67,842
Alberta	67,015	94,608	—	161,623	176,037	337,660	23,620	199,657
British Columbia	236,959	238,120	127,065	602,144	606,857	1,209,001	278,403	885,260
Yukon and Northwest Territories	—	2,354	—	2,354	246	2,600	—	246
Totals, 1953	**1,291,755**[1]	**742,312**	**961,628**	**2,995,695**	**7,402,008**	**10,397,703**	**1,303,541**	**8,705,549**
Industrial group, 1953								
Foods and beverages	76,515	53,946	22,074	152,535	623,869	776,404	50,343	674,212
Tobacco and tobacco products	466	375	—	841	10,345	11,186	—	10,345
Rubber products	6,038	182	1,500	7,720	134,452	142,172	270	134,722
Leather products	1,770	193	150	2,113	41,667	43,780	370	42,037
Textiles (except clothing)	29,814	7,099	16,311	53,224	311,147	364,371	16,932	328,079
Knitting mills	643	235	—	878	25,693	26,571	—	25,693
Clothing, (textile and fur)	257,627	522,452	31,836	811,915	441,268	1,253,183	94,301	535,569
Wood products	361,680	7,412	872,557	1,241,649	2,331,436	3,573,085	926,613	3,258,049
Paper products	619	1,043	—	1,662	78,320	79,982	—	78,320
Printing, publishing and allied industries	178,364	47,651	263	226,278	1,049,778	1,276,056	72,149	1,121,927
Iron and steel products	124,320	10,461	127	134,908	460,305	595,213	55,633	515,938
Transportation equipment	20,570	358	—	20,928	670,914	691,842	6,195	677,109
Non-ferrous metal products	8,372	6,646	3,975	18,993	240,343	259,336	—	240,343
Electrical apparatus and supplies	12,003	46,333	716	59,052	287,661	346,713	5,789	293,450
Non-metallic mineral products	116,324	22,971	6	139,301	158,884	298,185	14,260	173,144
Products of petroleum and coal	89,754	14,035	10,323	114,112	417,095	531,207	59,082	476,177
Chemicals and allied products	3,940	458	—	4,398	58,244	62,642	1,400	59,644
Miscellaneous industries	2,936	462	1,790	5,188	60,587	65,775	204	60,791

1. Includes "steam engines" 365,992 h.p. and "steam turbines" 925,763 h.p.

TABLE 57. Values of Fuel and Electricity Consumed in the Manufacturing Industries for Selected Years 1926-1948 and by Province and Industrial Group, 1953

No.	Year, Province or Group	Coal					Coke	Gasoline
		Bituminous			Anthracite	Lignite		
		Canadian	Imported	Sub-bituminous				
		$	$	$	$	$	$	$
1	1926[7]	34,500,291		2	2,173,178	533,928	4,157,935	692,404
2	1929[7]	15,832,290	21,754,377	2	1,844,736	707,058	2,332,823	430,258
3	1933[7]	7,571,912	10,770,107	2	1,033,154	522,626	1,574,426	254,510
4	1937[4]	15,648,467	16,255,262	2	1,253,376	759,600	5,169,524	799,060
5	1939	15,744,444	13,386,496	2	1,151,278	740,593	4,870,875	1,208,131
6	1944	19,785,479	55,667,410	2	2,231,277	1,522,417	7,909,168	7,278,337
7	1946	17,633,047	48,211,575	425,020	1,812,744	1,442,277	6,884,833	8,425,418
8	1948	28,160,528	73,315,170	440,737	2,274,727	1,598,940	9,575,838	13,442,363
	Provinces							
9	Newfoundland[5]	30,609	8,900	—	18,610	6	2,383	217,397
10	Prince Edward Island	63,452	6	—	3,970	—	3,009	55,732
11	Nova Scotia	2,405,727	6	—	21,105	—	114,936	717,053
12	New Brunswick	6,294,754	8,912	—	17,205	—	28,469	560,647
13	Quebec	16,556,360	13,913,475	18,383	1,210,156	1,087	2,430,104	5,664,514
14	Ontario	2,175,786	54,548,590	176,730	1,286,028	1,174,901	6,404,947	10,363,556
15	Manitoba	818,037	38,714	60,724	42,991	930,722	303,829	881,303
16	Saskatchewan	1,523,379	6	133,730	10,012	129,206	743	417,469
17	Alberta	146,985	6	158,490	496	5,095	200,134	1,085,336
18	British Columbia	4,487,496	4,024	67,073	18,933	6	133,470	2,920,732
19	Yukon and Northwest Territories	5	—	6	—	—	—	8,886
20	**Totals — 1953**[5]	**34,503,085**	**68,523,205**	**615,660**	**2,629,506**	**2,241,781**	**9,622,024**	**22,892,625**
	Industrial Groups							
21	Foods and Beverages	3,290,662	6,717,346	276,298	596,112	567,766	614,167	10,578,411
22	Tobacco and tobacco products	71,957	168,348	—	2,273	—	6	38,953
23	Rubber products	74,711	1,517,817	—	13,126	—	—	47,494
24	Leather products	93,287	707,792	2,179	40,802	10,624	1,203	65,218
25	Textiles	1,289,847	4,045,024	9,784	117,296	7,812	49,444	189,855
26	Knitting mills	131,048	591,854	6	55,357	—	3,310	14,811
27	Clothing	84,772	152,597	4,373	35,062	6	4,451	155,366
28	Wood products	333,461	502,891	42,430	71,148	35,341	45,030	4,191,266
29	Paper products	14,360,237	20,674,603	25,533	219,554	1,233,035	6	695,030
30	Printing publishing and allied industries	143,713	165,101	15,322	78,900	15,385	34,199	608,162
31	Iron and steel products	2,073,660	3,059,812	41,238	477,336	18,652	574,692	1,650,835
32	Transportation equipment	1,209,987	3,691,786	38,971	34,943	159,117	45,737	1,280,168
33	Non-ferrous metal products	5,473,656	7,013,489	3,911	518,818	—	4,187,111	360,700
34	Electrical apparatus and supplies	50,626	921,551	100,051	20,805	4,501	71,035	251,651
35	Non-metallic mineral products	4,767,750	9,107,760	44,664	103,810	165,439	836,112	1,673,833
36	Products of petroleum and coal	63,923	67,831	2,718	37,496	6	3,119,473	218,982
37	Chemicals and allied products	890,633	9,019,385	4,871	143,000	20,953	31,393	517,732
38	Miscellaneous industries	99,155	398,218	2,961	63,668	2,712	4,250	354,158

1. Exclusive of the Butter and Cheese industry in the province of Quebec.
2. Not collected.
3. Includes manufactured and natural.
4. Electricity purchased for metallurgical purposes in the non-ferrous Metal Smelting and Refining is included for the first time.

TABLE 57. Values of Fuel and Electricity Consumed in the Manufacturing Industries for Selected Years 1926-1948 and by Province and Industrial Group, 1953

Kerosene	Fuel oil	Wood	Gas			Other fuel	Total cost of fuel	Electricity		No.
			Liquified petroleum	Other manufactured	Natural			Purchased[1]	Generated for sale[1]	
$	$	$	$	$	$	$	$	$	$	
2	7,102,676	2,533,424	—	4,182,186[3]		804,478	56,680,500	26,235,597	2	1
51,743	7,874,831	2,604,803	—	5,218,678	905,039	809,305	60,365,941	37,775,877	904,791	2
39,870	4,566,630	1,635,716	—	4,097,925	729,385	727,081	33,523,342	33,092,334	36,393	3
52,438	8,580,369	1,636,098	—	6,148,643	1,256,276	2,015,923	59,575,036	50,032,810	288,842	4
59,635	8,560,418	1,562,119	—	6,506,782	1,385,110	1,887,250	57,063,131	50,509,121	405,690	5
216,651	21,822,975	2,340,460	—	13,779,303	3,110,803	2,219,490	137,883,770	87,699,383	1,219,086	6
213,947	23,872,464	2,189,271	—	12,086,381	1,881,984	2,100,659	127,179,620	83,273,105	1,589,447	7
635,233	50,987,211	1,991,384	—	20,507,352	2,080,617	4,053,739	209,063,839	94,475,355	887,402	8
5,235	3,010,358	3,700	757	268	—	66,752	3,365,144	402,741	578,345	9
8,304	89,547	9,544	6	—	—	1,913	235,595	120,816	—	10
12,457	3,123,339	17,633	10,701	2,461,083	6	40,520	8,924,710	2,626,854	129,615	11
27,517	1,444,299	121,415	31,193	845	3,804	18,322	8,557,382	2,777,981	224,404	12
279,135	26,177,860	574,398	386,297	5,245,156	6,189	953,420	73,416,534	72,347,718	199,313	13
651,980	30,106,445	404,106	1,079,461	15,794,554	1,809,133	2,278,592	128,254,809	57,989,157	1,156,749	14
4,822	2,444,306	53,217	5,588	453,314	8,151	32,959	6,078,677	3,593,228	6	15
6,973	1,243,687	15,846	12,477	937,027	45,703	23,331	4,499,849	1,867,963	—	16
10,979	572,066	7,733	25,377	1,538,193	2,771,469	25,787	6,548,320	3,384,917	2,494	17
68,122	8,720,825	156,860	33,240	1,194,789	17,690	1,365,099	19,188,948	7,452,773	188,813	18
6	102,078	3,654	520	16,850	9,495	—	142,525	12,180	6,271	19
1,075,536	**77,034,810**	**1,368,106**	**1,585,671**	**27,642,079**	**4,671,710**	**4,806,695**	**259,212,493**	**152,576,328**	**2,486,054**	20
189,749	9,543,593	499,610	470,892	1,421,186	851,250	752,828	36,369,870	12,378,184	7,823	21
6	98,336	6	6	1,720	6	23,039	405,706	233,519	—	22
1,412	171,492	—	—	28,106	949	—	1,855,107	1,869,603	—	23
1,309	229,421	10,236	4,108	10,509	997	45,390	1,223,075	833,666	—	24
35,444	1,710,961	7,800	6,849	23,055	13,824	305,943	7,812,938	5,321,459	100,390	25
6	366,618	6	2,216	6,424	5,168	30,676	1,208,002	615,743	3,036	26
7,890	339,240	6,662	2,250	73,366	8,651	54,946	929,932	1,461,460	—	27
66,548	2,601,633	189,197	14,158	20,612	89,573	139,590	8,342,878	6,558,952	134,413	28
217,946	10,675,135	125,092	20,907	62,609	22,615	1,117,086	49,449,594	34,067,301	1,704,286	29
12,659	619,081	29,084	16,270	188,420	44,675	7,917	1,978,888	2,187,472	—	30
69,375	15,554,102	47,963	76,557	7,967,415	787,151	282,828	32,681,616	18,772,675	—	31
304,605	3,041,994	17,894	410,001	258,707	484,405	122,878	11,101,193	6,677,704	—	32
74,563	7,463,882	18,439	171,282	376,777	141,390	36,383	25,840,401	31,862,007	10,139	33
3,114	1,352,015	6	94,761	494,616	20,404	104,978	3,490,134	3,466,610	—	34
54,657	7,044,494	379,374	190,443	355,522	1,019,255	195,869	25,938,982	9,035,509	194	35
2,003	12,702,760	6	57,391	14,109,212	805,437	1,155,055	32,342,588	2,883,158	115,029	36
33,078	3,130,855	22,470	37,257	2,134,197	346,654	429,466	16,761,944	12,778,994	410,744	37
1,110	389,198	13,484	10,178	109,626	29,104	1,823	1,479,645	1,572,312	—	38

5. Newfoundland included.
6. Included in the total.
7. For 1926, 1929 and 1933, fuel and electricity used by "Dyeing, cleaning and laundry work" and by "Central electric stations" have been deducted from the totals in order to make the series comparable with current data.

TABLE 58. Quantities of Fuel and Electricity Consumed in the Manufacturing Industries for Selected Years 1926-1948 and by Province and Industrial Group, 1953

No.	Year, Province or Group	Coal					Coke	Gasoline
		Bituminous			Anthracite	Lignite		
		Canadian	Imported	Sub-bituminous				
		Short ton						Imp. gal.
1	1926[8]	5,776,719		2	283,678	146,098	475,232	2,386,916
2	1929[8]	2,816,122	3,943,007	2	255,700	164,544	380,432	1,717,560
3	1933[8]	1,499,715	2,026,083	2	145,017	158,437	288,811	1,079,807
4	1937[5]	2,907,671	2,828,519	2	173,993	265,440	657,994	3,665,243
5	1939	2,893,613	2,262,378	2	167,465	238,698	596,077	5,306,656
6	1944	2,538,345	7,336,983	2	228,795	421,351	803,179	24,114,057
7	1946	2,208,110	5,794,992	70,450	179,139	394,689	691,152	27,537,378
8	1948	2,869,674	7,468,497	65,449	194,211	378,904	768,240	39,861,137
	Provinces, 1953							
9	Newfoundland[6]	1,457	572	—	565	7	75	529,226
10	Prince Edward Island	4,308	7	—	213	—	130	148,603
11	Nova Scotia	268,434	7	—	1,150	—	17,291	1,926,200
12	New Brunswick	577,273	428	—	788	—	1,414	1,474,182
13	Quebec	1,424,335	1,205,995	1,284	96,122	61	164,851	14,861,510
14	Ontario	180,893	5,601,856	14,730	92,024	215,188	415,436	30,230,092
15	Manitoba	93,158	2,799	5,566	2,520	229,618	26,178	2,405,040
16	Saskatchewan	118,325	7	19,173	953	21,088	42	1,119,749
17	Alberta	36,085	7	30,665	24	993	33,789	3,402,578
18	British Columbia	475,749	196	5,934	902	7	14,690	8,389,649
19	Yukon and Northwest Territories	7	—	7	—	—	—	34,865
20	**Totals—1953[5]**	**3,180,027**	**6,811,887**	**77,382**	**195,261**	**466,994**	**673,896**	**64,521,694**
	Industrial groups							
21	Foods and beverages	328,633	950,092	35,453	38,562	99,522	55,365	29,040,213
22	Tobacco and tobacco products	5,928	15,685	—	138	—	7	96,474
23	Rubber products	6,108	143,495	—	1,019	—	—	143,526
24	Leather products	6,970	61,730	137	2,530	1,854	314	162,180
25	Textile products (except clothing)	114,254	352,936	1,052	8,280	1,127	4,587	478,106
26	Knitting mills	11,468	49,777	7	4,445	—	231	34,712
27	Clothing	6,300	12,372	324	2,066	7	244	396,228
28	Wood products	25,592	41,927	5,018	4,141	5,818	2,588	11,581,709
29	Paper products	1,302,466	1,908,175	2,766	18,993	228,818	7	1,858,802
30	Printing publishing and allied industries	11,206	12,421	1,353	4,488	1,360	2,166	1,657,829
31	Iron and steel products	214,330	274,336	3,039	35,374	2,391	53,279	4,604,247
32	Transportation equipment	116,587	361,247	12,496	1,852	88,457	2,198	4,171,307
33	Non-ferrous metal products	472,856	620,878	293	44,835	—	205,178	1,072,292
34	Electrical apparatus and supplies	4,054	84,074	9,349	1,638	685	2,676	684,202
35	Non-metallic mineral products	462,858	834,131	5,119	6,750	33,328	44,391	5,075,057
36	Products of petroleum and coal	7,527	6,413	215	4,011	7	298,862	1,055,996
37	Chemicals and allied products	75,613	1,048,011	549	12,083	3,426	1,579	1,481,180
38	Miscellaneous industries	7,277	34,187	200	4,056	172	220	927,634

1. Exclusive of the Butter and Cheese industry in the province of Quebec.
2. Not collected.
3. Includes manufactured and natural.
4. Value only, available.

TABLE 58. Quantities of Fuel and Electricity Consumed in the Manufacturing Industries for Selected Years 1926-1948 and by Province and Industrial Group, 1953

Kerosene	Fuel oil	Wood	Gas			Electricity			No.
			Liquified petroleum	Other manufactured	Natural	Purchased[1]	Generated for own use[1]	Generated for sale[1]	
Imp. gal.	Imp. gal.	Cords	Imp. gal.	M. cu. ft.	M. cu. ft.	K.W.H.	K.W.H.	K.W.H.	
2	110,378,654	722,098	—	40,588,854[3]		4	2	2	1
227,469	150,910,662	655,975	—	41,828,619	4,558,391	4	1,150,974,484	53,593,323	2
239,141	115,926,083	549,712	—	23,119,514	3,118,402	9,771,514,859	1,241,399,928	2,108,460	3
334,125	167,824,977	504,261	—	59,952,258	5,802,210	17,092,769,974	2,328,675,496	48,534,697	4
437,201	195,134,885	475,320	—	71,881,777	6,112,911	17,072,764,222	2,357,668,720	76,571,743	5
1,309,144	349,495,395	408,227	—	118,057,302	12,598,361	25,777,238,678	2,752,124,500	127,214,139	6
1,244,716	376,006,524	348,440	—	95,490,776	8,744,901	25,250,876,449	2,714,261,524	166,073,767	7
3,752,703	482,218,705	309,127	—	146,548,124	9,962,480	24,907,413,154	4,590,676,828	203,779,877	8
21,197	38,630,785	875	1,200	337	—	22,407,973	889,099,581	73,741,208	9
39,721	575,242	1,092	7	—	—	4,275,053	—	—	10
68,334	38,831,591	2,942	28,832	9,160,345	7	312,042,310	186,025,502	2,268,147	11
131,522	15,442,084	13,381	143,532	603	6,907	416,335,088	374,004,156	23,048,360	12
1,424,064	295,396,902	107,071	1,988,818	9,685,624	9,269	21,679,033,019	774,883,353	37,200,455	13
4,043,728	283,958,615	107,566	7,160,369	45,160,430	2,264,359	9,248,881,874	2,073,067,248	174,065,563	14
19,109	33,277,575	7,373	12,715	966,272	84,830	744,971,436	6,655,476	—	15
74,553	19,763,247	1,635	59,293	2,027,756	312,962	376,505,303	40,353,303	—	16
40,849	7,065,887	9,034	265,319	4,003,936	18,791,004	397,140,226	177,135,910	154,200	17
236,403	99,499,841	48,322	179,705	2,416,154	20,829	824,255,940	2,379,358,264	39,335,081	18
7	2,200,080	177	700	20,035	26,109	287,088	860,395	91,942	19
6,099,492	**834,641,849**	**299,468**	**9,840,533**	**73,441,492**	**21,516,353**	**34,026,135,310**	**6,901,443,188**	**349,904,956**	20
1,092,228	86,133,020	143,082	2,382,365	1,946,197	3,853,369	1,026,992,879	43,762,028	4	21
7	894,678	7	7	1,542	7	18,395,122	—	—	22
7,644	1,591,168	—	—	24,666	930	250,293,275	7,746,538	—	23
6,073	1,770,715	1,480	23,508	11,060	2,294	51,273,752	—	—	24
159,916	16,089,771	4,654	43,363	35,517	115,013	593,379,571	79,385,307	16,771,995	25
7	2,972,511	7	61,925	19,806	33,327	44,933,022	1,087,342	94,894	26
44,385	2,214,879	633	6,800	55,310	22,758	63,561,527	—	—	27
231,842	12,840,758	41,353	46,704	40,772	316,547	405,273,835	159,303,992	17,489,401	28
1,748,942	144,749,232	43,261	69,190	58,677	100,537	10,563,309,215	4,273,111,554	303,439,710	29
45,283	4,186,951	3,224	49,645	189,494	94,989	126,596,161	—	—	30
387,279	151,161,280	5,290	372,570	29,646,345	901,290	2,457,260,357	167,522,145	—	31
1,644,049	25,415,962	2,530	3,312,643	524,900	840,894	676,396,250	109,239,945	—	32
307,029	79,647,081	580	1,161,558	425,421	154,342	12,600,473,735	790,145,193	4,256,671	33
11,036	11,229,837	7	468,473	460,376	24,732	348,406,599	10,219,867	—	34
207,984	74,043,802	45,657	1,019,718	521,255	6,309,267	1,742,252,798	25,049,859	24,200	35
10,028	188,029,524	7	569,875	35,678,503	5,967,827	381,405,296	10,777,270	91,942	36
190,931	29,016,733	6,031	227,415	3,715,157	2,738,403	2,545,458,571	1,224,087,148	7,736,143	37
4,506	2,653,947	1,566	24,485	86,494	39,626	130,473,345	5,000	—	38

5. Electricity purchased for metallurgical purposes in the Non-ferrous Metal Smelting and Refining is included for the first time.
6. Newfoundland included.
7. Included in total.
8. For 1926, 1929 and 1933, fuel and electricity used by Dyeing, cleaning and laundry work" and by "Central electric stations" have been deducted from the totals already published in order to make the series comparable with current data.

PART II. PROVINCIAL AND LOCAL DISTRIBUTION OF MANUFACTURING PRODUCTION

SECTION 1. TYPE AND CONCENTRATION OF MANUFACTURING PRODUCTION

This part of the Report is introduced by a general analysis of the concentration of the manufacturing industries in the provinces. In the sections that follow, the principal features of the manufactures of each province are brought out and finally the distribution of manufacturing throughout the principal cities and towns of Canada is shown.

Ontario and Quebec are by far the most important manufacturing provinces of Canada. Their combined production in 1953 amounted to $14,263,289,853 or 80 p.c. of the total gross value of manufactured products. The proximity of Ontario to the coal-fields of Pennsylvania, the water power and other varied resources of the provinces, and their nearness to the larger markets of Canada and the United States have all contributed to this progress.

Table 1 shows the outstanding predominance of Ontario and Quebec in each industrial group. Quebec leads in the manufacture of tobacco and tobacco products, textiles (except clothing), clothing (textile and fur), paper products and products of petroleum and coal. In each of the other groups Ontario has the greater production of the two provinces. In the production of wood products British Columbia with 37 p.c. of the total holds the dominant position, outranking both Ontario and Quebec which account respectively for 26 and 22 p.c. of the total. In each of the other groups Ontario and Quebec lead by a wide margin.

TABLE 1. Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1953

Province and group	Establishments	Employees	Earnings	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments
	No.	No.	$	$	$	$
Canada						
Foods and beverages	8,129	176,649	455,280,552	2,296,739,737	1,146,473,720	3,491,961,511
Tobacco and tobacco products	55	9,494	26,765,643	138,491,048	75,015,218	214,145,491
Rubber products	72	22,600	70,994,643	114,336,694	172,674,055	290,735,459
Leather products	695	33,068	70,965,495	116,416,179	103,937,262	222,410,182
Textiles	959	73,190	184,604,616	388,324,584	299,231,284	700,690,265
Knitting mills[5]	294	24,413	52,420,681	77,704,172	81,264,425	160,792,342
Clothing[5]	2,788	95,658	202,005,279	361,558,482	333,238,797	697,188,671
Wood products	12,462	134,310	325,619,252	649,731,056	577,381,926	1,242,014,812
Paper products	555	84,436	310,107,707	717,460,043	767,273,583	1,568,250,521
Printing, publishing and allied industries	4,157	66,530	205,626,554	175,222,037	364,363,975	543,752,372
Iron and steel products	2,698	188,236	643,474,127	906,165,239	1,140,931,549	2,098,551,079
Transportation equipment	621	156,059	555,411,152	1,110,953,581	961,205,155	2,089,937,633
Non-ferrous metal products	551	52,058	178,710,057	726,128,115	458,180,471	1,242,010,994
Electrical apparatus and supplies	422	76,856	250,646,777	383,743,994	457,489,516	848,190,254
Non-metallic mineral products	1,094	34,352	107,275,074	134,118,848	239,815,853	408,909,192
Products of petroleum and coal	100	17,112	66,565,434	576,310,641	211,552,953	823,089,340
Chemicals and allied products	1,105	50,207	164,590,810	403,686,331	448,276,576	881,503,845
Miscellaneous industries	1,350	32,223	85,954,495	103,467,901	154,763,033	261,282,891
Totals	**38,107**	**1,327,451**	**3,957,018,348**	**9,380,558,682**	**7,993,069,351**	**17,785,416,854**
Newfoundland						
Foods and beverages	75	3,621	5,954,562	12,922,597	12,556,690	26,221,514
Tobacco and tobacco products	1	1	1	1	1	1
Rubber products	—	—	—	—	—	—
Leather products	1	1	1	1	1	1
Textiles	5	94	225,994	429,425	236,092	684,224
Knitting mills[5]	—	—	—	—	—	—
Clothing[5]	1	1	1	1	1	1
Wood products	779	2,000	2,179,414	4,601,061	3,426,512	8,207,555
Paper products	3	3,502	14,620,636	23,657,671	35,452,650	61,436,478
Printing, publishing and allied industries	31	400	1,038,138	538,272	1,644,491	2,224,033
Iron and steel products	10	363	977,906	737,983	1,608,256	2,406,046
Transportation equipment	7	63	120,248	83,422	174,842	262,381
Non-ferrous metal products	—	—	—	—	—	—
Electrical apparatus and supplies	—	—	—	—	—	—
Non-metallic mineral products	15	324	999,737	992,658	1,752,616	3,095,789
Products of petroleum and coal	1	1	1	1	1	1
Chemicals and allied products	6	71	224,082	641,652	634,476	1,293,889
Miscellaneous industries[3]	8	137	264,191	367,280	298,072	692,694
Totals	**939**	**10,575**	**26,604,908**	**44,972,021**	**57,784,697**	**106,524,603**
Prince Edward Island						
Foods and beverages	110	1,135	1,845,247	13,724,558	3,654,771	17,666,627
Tobacco and tobacco products	1	1	1	1	1	1
Rubber products	—	—	—	—	—	—
Leather products	1	1	1	1	1	1
Textiles	3	64	114,545	1,085,078	141,526	1,233,524
Knitting mills[5]	—	—	—	—	—	—
Clothing[5]	—	—	—	—	—	—
Wood products	80	257	287,719	632,576	491,926	1,145,209
Paper products	—	—	—	—	—	—
Printing, publishing and allied industries	9	154	341,066	152,585	580,580	745,933
Iron and steel products	4	30	66,825	76,107	94,967	175,699
Transportation equipment	1	1	1	1	1	1
Non-ferrous metal products	—	—	—	—	—	—
Electrical apparatus and supplies	—	—	—	—	—	—
Non-metallic mineral products	1	1	1	1	1	1
Products of petroleum and coal	—	—	—	—	—	—
Chemicals and allied products	1	1	1	1	1	1
Miscellaneous industries	—	—	—	—	—	—
All other groups[2]	10	169	440,443	1,292,894	914,991	2,231,978
Totals	**216**	**1,809**	**3,095,845**	**16,963,798**	**5,878,761**	**23,198,970**

TABLE 1. Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1953 — Continued

Province and group	Establishments	Employees	Earnings	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments
	No.	No.	$	$	$	$
Nova Scotia						
Foods and beverages	395	7,949	14,442,206	52,186,237	30,587,425	84,541,186
Tobacco and tobacco products	—	—	—	—	—	—
Rubber products	—	—	—	—	—	—
Leather products	4	89	171,748	229,258	263,784	496,414
Textiles	11	517	1,164,583	2,726,687	2,389,295	5,245,295
Knitting mills[5]	4	834	1,466,118	3,276,763	1,877,616	5,256,348
Clothing[5]	10	590	812,792	2,132,886	1,139,701	3,312,520
Wood products	858	4,815	7,099,042	19,034,359	13,418,245	32,914,487
Paper products	7	1,406	4,583,863	8,693,291	11,410,013	21,502,493
Printing, publishing and allied industries	127	1,237	3,101,824	2,159,789	6,056,500	8,327,374
Iron and steel products	54	7,237	21,990,570	33,301,844	25,354,251	62,684,491
Transportation equipment	59	5,451	15,449,128	24,106,438	22,755,772	47,513,929
Non-ferrous metal products	—	—	—	—	—	—
Electrical apparatus and supplies	1	1	1	1	1	1
Non-metallic mineral products	25	555	1,299,158	1,157,540	2,463,217	4,147,949
Products of petroleum and coal	1	1	1	1	1	1
Chemicals and allied products	16	297	824,357	3,008,387	2,811,606	5,969,143
Miscellaneous industries[3]	21	1,063	3,985,366	28,530,056	7,389,740	38,100,635
Totals	**1,591**	**32,040**	**76,390,755**	**180,543,535**	**127,917,165**	**320,012,264**
New Brunswick						
Foods and beverages	344	6,445	12,063,757	68,112,165	31,120,328	101,205,047
Tobacco and tobacco products	—	—	—	—	—	—
Rubber products	—	—	—	—	—	—
Leather products	9	323	597,791	1,179,093	1,154,701	2,349,567
Textiles	16	1,690	3,631,460	4,734,435	4,953,003	9,986,217
Knitting mills[5]	1	1	1	1	1	1
Clothing[5]	6	180	247,585	474,047	356,717	835,001
Wood products	547	4,946	8,768,709	23,733,144	15,703,050	39,938,053
Paper products	14	3,996	15,626,013	42,439,683	36,791,987	85,816,852
Printing, publishing and allied industries	70	965	2,213,875	1,332,328	3,876,014	5,297,542
Iron and steel products	29	1,202	3,145,860	4,612,547	5,124,905	9,957,657
Transportation equipment	11	3,023	8,913,003	8,056,036	11,881,501	20,284,780
Non-ferrous metal products	1	1	1	1	1	1
Electrical apparatus and supplies	—	—	—	—	—	—
Non-metallic mineral products	24	584	1,607,948	2,556,969	3,173,980	6,811,178
Products of petroleum and coal	1	1	1	1	1	1
Chemicals and allied products	7	157	466,637	3,927,055	1,779,050	5,766,008
Miscellaneous industries[3]	17	960	2,470,407	2,640,209	4,702,109	7,502,517
Totals	**1,094**	**24,471**	**59,753,045**	**163,797,711**	**120,617,345**	**295,750,419**
Quebec						
Foods and beverages	2,627	44,929	111,983,856	589,818,606	300,276,002	902,784,897
Tobacco and tobacco products	34	7,503	22,405,927	77,103,195	63,932,237	141,451,706
Rubber products	28	6,283	17,571,287	20,694,753	31,161,629	52,559,824
Leather products	375	17,855	34,723,978	52,118,417	52,054,160	104,800,254
Textiles	449	41,009	102,577,497	207,634,179	153,365,717	368,041,696
Knitting mills[5]	139	10,274	21,220,440	29,309,621	37,608,237	67,640,348
Clothing[5]	1,659	59,611	120,924,361	226,843,683	209,757,582	437,942,172
Wood products	3,362	33,972	70,727,068	151,872,713	122,155,111	277,313,207
Paper products	186	32,476	118,753,657	285,745,314	304,766,676	631,551,572
Printing, publishing and allied industries	1,130	17,806	53,151,283	48,950,798	95,498,875	145,385,477
Iron and steel products	621	42,683	138,069,751	175,703,392	238,492,384	421,769,959
Transportation equipment	123	43,745	147,899,116	174,330,301	227,673,532	406,084,289
Non-ferrous metal products	178	18,426	62,710,177	286,300,042	163,904,678	482,445,445
Electrical apparatus and supplies	86	20,458	68,070,170	92,677,696	108,466,046	202,756,477
Non-metallic mineral products	307	10,062	29,618,484	36,503,726	63,247,993	110,667,335
Products of petroleum and coal	17	3,924	14,872,881	195,004,647	71,417,807	278,046,864
Chemicals and allied products	368	20,649	65,534,921	134,026,946	138,896,012	281,016,371
Miscellaneous industries	443	9,890	24,758,460	31,735,083	41,972,821	74,526,970
Totals	**12,132**	**441,555**	**1,225,573,314**	**2,816,373,112**	**2,424,647,499**	**5,386,784,863**
Ontario						
Foods and beverages	2,920	70,690	192,642,556	895,536,585	489,917,513	1,405,967,427
Tobacco and tobacco products	16	1,926	4,252,338	61,222,664	10,930,923	72,371,748
Rubber products	39	16,267	53,289,706	93,562,852	141,173,937	237,746,006
Leather products	244	13,578	32,920,891	57,979,230	46,663,956	105,972,135
Textiles	383	27,959	72,787,727	157,066,663	131,220,719	293,741,315
Knitting mills[5]	133	12,725	28,570,681	43,027,438	39,886,593	83,882,637
Clothing[5]	836	26,708	61,943,392	96,602,321	93,260,996	190,619,048
Wood products	2,626	37,089	91,668,601	160,005,059	155,457,361	319,131,277
Paper products	267	33,202	118,162,422	272,534,254	269,601,918	565,626,274
Printing, publishing and allied industries	1,707	33,658	108,563,892	94,514,251	192,011,617	288,695,541
Iron and steel products	1,379	120,198	423,078,663	616,462,682	763,383,605	1,416,611,044
Transportation equipment	247	88,159	330,858,455	852,415,360	634,467,438	1,498,155,294
Non-ferrous metal products	297	27,601	94,430,303	327,921,987	262,042,313	610,253,243
Electrical apparatus and supplies	274	54,735	177,721,037	281,698,048	339,744,085	626,626,696
Non-metallic mineral products	502	17,578	58,221,614	71,157,289	131,360,625	219,570,624
Products of petroleum and coal	35	8,066	31,639,374	187,824,365	76,778,107	277,477,794
Chemicals and allied products	539	24,587	82,619,177	225,307,664	252,969,273	497,732,377
Miscellaneous industries	670	19,828	54,611,389	65,295,850	99,255,483	166,324,510
Totals	**13,114**	**634,554**	**2,017,982,218**	**4,560,134,562**	**4,130,126,462**	**8,876,504,990**

TABLE 1. Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1953 – Continued

Province and group	Establishments	Employees	Earnings	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments
	No.	No.	$	$	$	$
Manitoba						
Foods and beverages	366	10,061	28,293,417	175,523,413	65,695,823	243,815,623
Tobacco and tobacco products	—	—	—	—	—	—
Rubber products	1	1	1	1	1	1
Leather products	27	676	1,314,583	2,709,572	2,038,145	4,785,467
Textiles	34	929	1,979,345	6,858,138	3,350,067	10,272,667
Knitting mills[5]	5	187	370,144	936,222	491,856	1,436,340
Clothing[5]	160	6,055	12,623,568	25,431,313	20,013,563	45,606,876
Wood products	333	3,317	8,051,315	15,805,049	13,680,019	29,808,069
Paper products	22	1,409	4,478,708	12,100,746	14,206,129	27,379,843
Printing, publishing and allied industries	268	3,912	10,659,748	9,172,084	19,565,508	28,964,600
Iron and steel products	124	5,064	16,319,866	21,034,307	34,838,643	56,965,945
Transportation equipment	24	7,758	24,536,188	26,679,859	25,827,010	53,144,395
Non-ferrous metal products	17	530	1,768,743	11,411,080	2,687,384	14,642,965
Electrical apparatus and supplies	19	832	2,266,920	4,332,918	4,648,226	9,062,897
Non-metallic mineral products	39	1,085	3,048,634	4,104,808	8,655,557	14,215,394
Products of petroleum and coal	6	582	2,138,581	20,571,775	5,313,753	27,021,780
Chemicals and allied products	41	701	1,755,955	6,893,994	5,922,893	12,959,219
Miscellaneous industries[3]	55	642	1,520,564	1,837,837	2,862,863	4,790,379
Totals	**1,540**	**43,740**	**121,126,279**	**345,403,115**	**229,797,439**	**584,872,459**
Saskatchewan						
Foods and beverages	228	5,034	14,179,013	88,880,210	39,836,140	130,335,804
Tobacco and tobacco products	—	—	—	—	—	—
Rubber products	—	—	—	—	—	—
Leather products	1	1	1	1	1	1
Textiles	8	81	171,454	1,124,250	134,095	1,263,123
Knitting mills[5]	1	1	1	1	1	1
Clothing[5]	14	210	443,685	832,355	837,850	1,681,083
Wood products	509	1,831	3,299,140	6,797,043	6,739,170	13,754,532
Paper products	4	22	51,397	83,488	105,667	190,901
Printing, publishing and allied industries	179	1,455	4,055,701	2,649,221	6,911,707	9,687,546
Iron and steel products	51	825	2,373,533	4,289,456	4,032,817	8,438,081
Transportation equipment	7	24	71,148	97,509	117,119	219,686
Non-ferrous metal products	1	1	1	1	1	1
Electrical apparatus and supplies	—	—	—	—	—	—
Non-metallic mineral products	29	359	997,583	864,216	2,345,974	3,399,563
Products of petroleum and coal	11	1,039	4,011,855	46,113,979	15,393,431	63,590,439
Chemicals and allied products	8	172	624,828	1,155,741	889,178	2,075,735
Miscellaneous industries[3]	14	552	2,116,181	27,416,474	2,598,184	31,976,593
Totals	**1,062**	**11,604**	**32,395,518**	**180,303,942**	**79,941,332**	**266,613,086**
Alberta						
Foods and beverages	402	10,570	29,365,058	193,887,315	67,849,789	264,072,934
Tobacco and tobacco products	—	—	—	—	—	—
Rubber products	1	1	1	1	1	1
Leather products	11	48	98,239	114,563	142,994	260,395
Textiles	15	181	388,685	2,167,031	756,925	2,939,494
Knitting mills[5]	4	58	120,175	154,048	210,727	366,895
Clothing[5]	28	874	1,909,359	4,075,820	3,294,818	7,395,997
Wood products	1,037	6,787	13,948,788	32,412,305	26,563,076	59,861,485
Paper products	9	368	1,037,636	4,145,080	3,257,755	7,456,787
Printing, publishing and allied industries	236	2,170	6,248,492	5,024,880	11,959,945	17,115,264
Iron and steel products	142	3,245	10,546,248	14,603,498	17,688,884	32,650,000
Transportation equipment	22	3,487	11,235,285	12,196,265	12,578,755	25,049,417
Non-ferrous metal products	9	96	275,893	947,321	505,492	1,462,465
Electrical apparatus and supplies	6	50	120,844	302,947	261,017	572,359
Non-metallic mineral products	69	2,359	6,860,139	10,238,533	17,574,278	29,320,200
Products of petroleum and coal	18	1,429	5,734,303	60,333,098	26,549,713	89,986,862
Chemicals and allied products	27	1,077	3,833,794	4,976,848	8,441,977	14,582,297
Miscellaneous industries[3]	37	283	881,715	641,610	2,024,283	2,721,976
Totals	**2,072**	**33,082**	**92,605,153**	**346,221,162**	**199,660,428**	**555,814,827**
British Columbia						
Foods and beverages	657	16,195	44,470,133	206,835,582	104,903,600	315,199,055
Tobacco and tobacco products	1	1	1	1	1	1
Rubber products	3	45	124,359	73,839	326,119	411,596
Leather products	21	473	1,085,345	2,035,917	1,586,055	3,654,499
Textiles	35	666	1,563,326	4,498,698	2,683,845	7,282,710
Knitting mills[5]	7	275	537,161	803,246	1,084,763	1,899,666
Clothing[5]	73	1,406	3,034,037	5,098,183	4,500,974	9,650,465
Wood products	2,314	39,222	119,428,838	234,546,108	219,363,064	459,251,537
Paper products	43	8,055	32,793,375	68,060,516	91,680,788	167,289,321
Printing, publishing and allied industries	396	4,760	16,191,360	10,709,511	26,181,803	37,208,967
Iron and steel products	284	7,389	26,904,905	35,343,423	50,312,837	86,892,157
Transportation equipment	119	4,253	16,045,322	12,846,010	25,407,085	38,748,486
Non-ferrous metal products	46	4,395	16,138,268	71,341,128	24,084,759	98,019,859
Electrical apparatus and supplies	36	643	2,093,821	4,504,428	4,096,707	8,663,594
Non-metallic mineral products	81	1,425	4,584,452	6,517,544	9,188,573	17,597,334
Products of petroleum and coal	8	1,136	4,423,000	37,751,287	8,884,605	48,784,633
Chemicals and allied products	90	2,454	8,588,276	22,122,217	35,379,207	57,917,702
Miscellaneous industries[3]	104	1,052	2,915,340	2,160,117	6,021,431	8,352,109
Totals	**4,317**	**93,844**	**300,921,318**	**724,495,754**	**615,686,215**	**1,366,823,690**

TABLE 1. Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1953 – Concluded

Province and group	Establishments	Employees	Earnings	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments
Yukon and Northwest Territories	No.	No.	$	$	$	$
Foods and beverages	5	20	40,747	64,469	75,639	151,397
Wood products	17	74	160,618	291,639	384,392	689,401
Printing, publishing and allied industries	4	13	61,175	18,318	76,935	100,095
Miscellaneous industries[4]	4	70	307,455	975,544	475,042	1,575,790
Totals	**30**	**177**	**569,995**	**1,349,970**	**1,012,008**	**2,516,683**

1. Confidential. Included with "Miscellaneous Industries".
2. Confidential. Includes all groups marked with 1.
3. Includes all groups for which figures cannot be published and which are marked with 1.
4. Includes non-ferrous metal products, products of petroleum and coal, and chemicals and allied products.
5. Commencing with 1953 Knitting Mills are classified separately. Formerly they were included with Clothing (textile and fur).

The degree of concentration of manufacturing in large units is illustrated in Table 2. In Ontario 41.1 p.c. of all persons engaged in manufacturing were employed in establishments having 500 or more employees, as compared with 37.2 p.c. for Canada as a whole. Quebec ranked second with 38.4 p.c., followed by Newfoundland with 37.9 p.c., Nova Scotia 35.1 p.c., New Brunswick 32.6 p.c., British Columbia 26.9 p.c., Manitoba 23.8 p.c. and Alberta 14.5 p.c. There were no plants in either Prince Edward Island or Saskatchewan with an employment of 500 or more persons. In 1950 Newfoundland occupied the premier position with 39.2 p.c. of the total. By including the fish processing plants with manufacturing in 1951, the proportion of the plants employing 500 or more persons was, thereby, considerably lowered, viz. to 32.6 p.c.

TABLE 2. Concentration of Manufacturing Production in Each Province, 1953

Province	Number of establishments employing 500 or more persons	Percentage of total number of establishments in province	Provincial percentage of number of employees accounted for by these establishments
Newfoundland	3	0.3	37.9
Prince Edward Island	—	—	—
Nova Scotia	10	0.6	35.1
New Brunswick	9	0.8	32.6
Quebec	135	1.1	38.4
Ontario	194	1.5	41.1
Manitoba	8	0.6	23.8
Saskatchewan	—	—	—
Alberta	6	0.3	14.5
British Columbia	27	0.6	26.9
Yukon and Northwest Territories	—	—	—
Canada	**392**	**1.0**	**37.2**

TABLE 3. Principal Statistics of Manufacturing Industries of Canada and Each Province, Classified by Number of Employees per Establishment, 1953

Province and group	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
Canada:						
Under 5 employees	17,053	37,136	56,495,068	6,278,734	191,090,400	307,095,798
5 to 14 employees	9,800	81,666	182,933,099	13,957,329	462,343,359	823,265,480
15 " 49 "	6,200	165,880	415,526,389	27,643,659	976,685,535	1,801,544,913
50 " 99 "	2,057	142,308	370,259,875	25,858,349	887,156,841	1,656,526,802
100 " 199 "	1,157	161,166	443,058,972	36,377,764	1,134,241,497	2,096,007,865
200 " 499 "	748	230,639	699,103,989	79,159,532	1,731,056,354	3,311,945,942
500 " 999 "	246	172,858	567,786,185	84,310,442	1,430,554,829	2,752,300,942
1,000 " 1,499 "	64	76,672	268,480,221	39,579,279	662,210,346	1,241,483,447
1,500 and over	82	244,797	886,852,487	98,607,572	1,901,819,277	3,791,223,591
Not classifiable	700	—	—	—	3,400,244	4,022,074
Head Offices[1]	—	14,329	66,522,063	16,161	—	—
Totals	**38,107**	**1,327,451**	**3,957,018,348**	**411,788,821**	**9,380,553,682**	**17,785,416,854**
Newfoundland:						
Under 5 employees	777	1,296	864,764	110,741	1,696,337	3,568,993
5 to 14 employees	71	595	1,018,084	97,374	2,054,762	4,274,604
15 " 49 "	55	1,427	3,095,626	327,764	6,582,207	13,377,105
50 " 99 "	17	1,212	2,916,487	257,380	4,539,557	9,734,415
100 " 199 "	11	1,430	2,710,978	448,979	4,289,960	9,967,963
200 " 499 "	2					
500 " 999 "	1	4,610	15,986,769	2,525,647	25,800,798	65,592,386
1,000 " 1,499 "	1					
1,500 and over	1					
Not classifiable	3	—	—	—	8,400	9,137
Head Offices[1]	—	5	12,200	—	—	—
Totals	**939**	**10,575**	**26,604,908**	**3,767,885**	**44,972,021**	**106,524,603**

1. Under this heading are included only those head offices that are not located at the plant.

TABLE 3. Principal Statistics of Manufacturing Industries of Canada and Each Province, Classified by Number of Employees per Establishment, 1953 — Continued

Province and group	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
Prince Edward Island:						
Under 5 employees	129	253	299,821	42,987	2,452,468	3,195,368
5 to 14 employees	58	497	664,578	99,053	3,926,173	5,494,155
15 " 49 "	23	564	917,738	119,716	4,435,798	6,137,261
50 " 99 "	4					
100 " 199 "	1	495	1,213,708	94,655	6,149,359	8,372,186
Not classifiable	1					
Totals	**216**	**1,809**	**3,095,843**	**356,411**	**16,963,798**	**23,198,970**
Nova Scotia:						
Under 5 employees	843	1,726	1,839,155	194,867	5,604,953	9,680,167
5 to 14 employees	433	3,565	5,843,924	633,783	18,861,254	32,125,781
15 " 49 "	185	4,808	8,867,976	1,060,959	27,881,888	44,924,893
50 " 99 "	51	3,824	7,910,822	1,032,866	18,123,667	35,693,539
100 " 199 "	16	2,099	4,750,503	572,434	9,741,102	20,245,856
200 " 499 "	15	4,733	13,375,437	2,698,511	42,847,788	69,172,682
500 " 999 "	6	4,655	12,573,496	1,795,021	50,197,582	54,646,243
1,500 and over	4	6,581	21,080,765	3,563,123	7,214,724	53,441,141
Not classifiable	38	—	—	—	70,577	81,962
Head Offices[1]	—	49	148,677	—	—	—
Totals	**1,591**	**32,040**	**76,390,755**	**11,551,564**	**180,543,535**	**320,012,264**
New Brunswick:						
Under 5 employees	572	1,124	1,274,688	147,844	3,800,965	6,428,320
5 to 14 employees	280	2,475	4,163,668	420,562	13,146,862	22,185,710
15 " 49 "	143	3,610	6,568,509	630,778	23,884,006	36,963,273
50 " 99 "	47	3,113	6,333,193	779,333	19,322,027	32,100,272
100 " 199 "	20	2,631	6,089,783	1,014,105	14,160,899	29,118,881
200 " 499 "	11	3,407	9,004,157	2,039,346	26,482,669	46,842,830
500 " 999 "	6	4,041	12,378,078	3,256,647	41,999,741	75,637,629
1,000 " 1,499 "	2	3,938	13,149,619	3,046,748	20,957,397	46,328,131
1,500 and over	1					
Not classifiable	12	—	—	—	43,145	65,373
Head Offices[1]	—	132	791,350	—	—	—
Totals	**1,094**	**24,471**	**59,753,045**	**11,335,363**	**163,797,711**	**295,750,419**
Quebec:						
Under 5 employees	5,260	11,954	18,418,667	2,070,777	89,310,564	129,263,822
5 to 14 employees	3,110	25,662	53,267,155	3,636,915	150,128,471	260,081,705
15 " 49 "	2,143	58,055	129,838,416	7,084,465	291,346,672	544,078,791
50 " 99 "	667	45,471	105,140,255	6,456,697	233,067,331	446,264,927
100 " 199 "	378	52,125	128,387,825	10,503,841	305,653,938	577,160,821
200 " 499 "	232	71,568	199,603,142	23,447,881	452,152,244	884,670,384
500 " 999 "	87	62,137	194,830,736	46,288,183	639,611,395	1,178,363,295
1,000 " 1,499 "	23	27,723	94,639,158	18,223,200	279,717,559	479,723,762
1,500 and over	25	79,787	269,264,099	28,052,293	374,574,379	886,335,788
Not classifiable	207	—	—	—	810,559	841,568
Head Offices[1]	—	7,073	32,183,861	—	—	—
Totals	**12,132**	**441,555**	**1,225,573,314**	**145,764,252**	**2,816,373,112**	**5,386,784,863**
Ontario:						
Under 5 employees	4,924	11,008	19,234,311	2,240,251	56,802,046	94,652,239
5 to 14 employees	3,459	29,232	70,313,067	5,187,765	158,236,663	291,890,428
15 " 49 "	2,460	66,471	178,405,212	12,376,474	411,923,962	773,076,799
50 " 99 "	892	62,310	171,756,965	10,998,597	380,017,223	729,005,645
100 " 199 "	552	77,935	226,247,433	15,931,385	524,914,607	993,678,114
200 " 499 "	392	121,536	379,193,065	33,004,389	829,475,777	1,690,260,353
500 " 999 "	117	80,997	275,334,787	29,456,458	510,252,118	1,112,048,305
1,000 " 1,499 "	31	37,148	133,030,474	15,795,354	286,106,391	558,752,639
1,500 and over	46	142,831	540,163,398	61,253,293	1,400,490,468	2,630,726,393
Not classifiable	241	—	—	—	1,915,307	2,414,075
Head Offices[1]	—	5,086	24,303,506	—	—	—
Totals	**13,114**	**634,554**	**2,017,982,218**	**186,243,966**	**4,560,134,562**	**8,876,504,990**
Manitoba:						
Under 5 employees	659	1,487	2,500,225	241,709	6,421,433	11,355,282
5 to 14 employees	391	3,263	7,376,243	606,123	25,751,310	40,000,706
15 " 49 "	240	6,413	15,606,494	1,044,897	41,779,271	73,606,721
50 " 99 "	109	7,312	19,316,037	1,333,627	57,737,773	99,363,712
100 " 199 "	53	7,367	20,131,649	2,755,318	68,825,969	118,591,057
200 " 499 "	25	7,296	22,116,327	2,682,001	49,800,099	100,819,350
500 " 999 "	3	2,055	6,643,004	253,238	39,477,329	54,099,703
1,000 " 1,499 "	2	8,351	26,603,603	754,992	55,406,166	86,849,777
1,500 and over	3					
Not classifiable	55	—	—	—	203,765	186,151
Head Offices[1]	—	196	832,697	—	—	—
Totals	**1,540**	**43,740**	**121,126,279**	**9,671,905**	**345,403,115**	**584,872,459**

1. Under this heading are included only those head offices that are not located at the plant.

TABLE 3. Principal Statistics of Manufacturing Industries of Canada and Each Province, Classified by Number of Employees per Establishment, 1953 — Concluded

Province and group	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
Saskatchewan:						
Under 5 employees	689	1,266	1,636,563	185,583	3,132,439	6,379,877
5 to 14 employees	221	1,768	4,020,525	441,940	13,475,225	22,872,038
15 " 49 "	83	2,170	5,931,487	638,165	16,508,258	29,130,581
50 " 99 "	27	1,893	5,542,257	520,396	20,690,934	35,742,620
100 " 199 "	15	1,892	5,776,708	745,963	33,381,481	53,019,544
200 " 499 "	8	2,398	8,685,358	3,835,765	93,058,224	119,410,244
Not classifiable	19	—	—	—	57,381	58,182
Head Offices[1]	—	217	802,620	—	—	—
Totals	**1,062**	**11,604**	**32,395,518**	**6,367,812**	**180,303,942**	**266,613,086**
Alberta:						
Under 5 employees	1,147	2,309	3,134,398	373,302	8,848,816	15,035,872
5 to 14 employees	524	4,279	10,083,993	769,558	27,536,513	48,291,699
15 " 49 "	222	5,765	15,716,613	1,150,617	36,440,593	70,170,546
50 " 99 "	74	5,167	14,835,531	1,017,457	55,196,900	90,147,805
100 " 199 "	31	4,394	12,964,983	1,930,104	63,612,696	101,684,523
200 " 499 "	21	6,176	20,043,402	4,175,205	89,902,033	144,660,396
500 " 999 "	5	4,803	15,007,861	516,994	64,598,853	85,723,866
1,000 " 1,499 "	1					
Not classifiable	47	—	—	—	84,758	100,120
Head Offices[1]	—	189	818,372	—	—	—
Totals	**2,072**	**33,082**	**92,605,153**	**9,933,237**	**346,221,162**	**555,814,827**
British Columbia:						
Under 5 employees	2,033	4,669	7,209,786	656,040	12,893,272	27,224,058
5 to 14 employees	1,244	10,257	25,965,746	2,042,903	48,448,968	94,823,156
15 " 49 "	646	16,597	50,578,318	3,209,824	115,902,880	210,078,943
50 " 99 "	168	11,626	35,541,276	3,310,522	97,263,206	175,657,640
100 " 199 "	80	11,118	35,481,265	2,413,735	104,265,964	185,927,722
200 " 499 "	42	12,927	46,236,416	7,203,779	145,939,751	253,782,180
500 " 999 "	21	14,874	54,473,314	2,741,631	91,066,090	201,730,920
1,000 " 1,499 "	4	10,394	38,806,417	5,047,126	108,511,231	217,335,525
1,500 and over	2					
Not classifiable	77	—	—	—	204,392	263,546
Head Offices[1]	—	1,382	6,628,780	16,161	—	—
Totals	**4,317**	**93,844**	**300,921,318**	**26,641,721**	**724,495,754**	**1,366,823,690**
Yukon and Northwest Territories:						
Under 5 employees	20	44	82,690	14,633	127,107	311,800
5 to 14 employees	9	133	487,305	140,072	1,222,863	2,204,883
50 " 99 "	1					
Totals	**30**	**177**	**569,995**	**154,705**	**1,349,970**	**2,516,683**

1. Under this heading are included only those head offices that are not located at the plant.

TABLE 4. Principal Statistics of the Manufacturing Industries of Canada and Each Province, Classified According to the Selling Value of Factory Shipments per Establishment, 1953

Province and size group	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
Canada:						
Under $10,000	9,374	13,713	12,912,019	1,384,066	18,449,326	40,212,361
$ 10,000 to 24,999	6,433	21,323	35,261,129	2,859,829	48,591,092	106,387,264
25,000 " 49,999	5,118	30,532	59,584,847	4,188,054	88,455,492	183,907,805
50,000 " 99,999	4,899	49,641	107,072,612	6,616,518	175,542,773	352,483,499
100,000 " 199,999	4,117	68,136	159,707,309	9,808,414	302,393,967	583,719,868
200,000 " 499,999	3,774	130,038	318,627,673	18,546,568	602,045,977	1,185,376,535
500,000 " 999,999	1,884	128,958	332,111,036	19,735,268	662,161,607	1,308,968,277
1,000,000 " 4,999,999	1,916	341,497	991,061,497	69,481,264	2,025,564,290	4,033,967,234
5,000,000 and over	592	529,284	1,874,158,163	279,152,679	5,457,354,158	9,990,394,011
Head Offices[1]	—	14,329	66,522,063	16,161	—	—
Totals	**38,107**	**1,327,451**	**3,957,018,348**	**411,788,821**	**9,380,558,682**	**17,785,416,854**
Newfoundland:						
Under $10,000	711	1,084	538,421	72,478	965,511	2,092,379
$ 10,000 to 24,999	92	442	637,941	45,695	821,340	1,842,566
25,000 " 49,999	29	224	324,584	36,648	502,868	1,019,976
50,000 " 99,999	24	427	893,218	66,861	886,919	1,722,240
100,000 " 199,999	25	473	1,057,912	68,218	1,746,846	3,428,346
200,000 " 499,999	28	1,286	2,376,100	272,510	4,538,840	8,975,393
500,000 " 999,999	20	1,773	3,618,406	372,562	6,339,940	13,822,069
1,000,000 " 4,999,999	8	4,861	17,146,126	2,832,913	29,169,757	73,621,634
5,000,000 and over	2					
Head Offices[1]	—	5	12,200	—	—	—
Totals	**939**	**10,575**	**26,604,908**	**3,767,885**	**44,972,021**	**106,524,603**

1. Under this heading are included only those head offices that are not located at the plant.

TABLE 4. Principal Statistics of the Manufacturing Industries of Canada and Each Province, Classified According to the Selling Value of Factory Shipments per Establishment, 1953 — Continued

Province and size group	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
Prince Edward Island:						
Under $10,000	79	114	77,354	9,145	155,383	338,975
$ 10,000 to 24,999	33	106	126,844	13,515	294,878	505,973
25,000 " 49,999	28	158	199,744	24,254	746,369	1,074,489
50,000 " 99,999	30	291	360,376	54,761	1,523,227	2,207,680
100,000 " 199,999	22	347	537,142	69,527	1,826,952	2,937,996
200,000 " 499,999	17	457	942,937	66,630	3,549,968	5,188,534
500,000 " 999,999	5					
1,000,000 " 4,999,999	1	336	851,448	118,579	8,867,021	10,945,323
5,000,000 and over	1					
Head Offices[1]	—	—	—	—	—	—
Totals	**216**	**1,809**	**3,095,845**	**356,411**	**16,963,798**	**23,198,970**
Nova Scotia:						
Under $10,000	590	869	612,176	59,112	1,187,722	2,357,238
$ 10,000 to 24,999	256	871	1,110,572	94,561	2,120,422	4,154,644
25,000 " 49,999	223	1,413	2,117,295	182,299	4,156,843	8,026,399
50,000 " 99,999	197	2,043	3,220,697	279,048	7,995,554	14,107,746
100,000 " 199,999	133	2,511	4,396,619	410,248	10,238,773	19,124,719
200,000 " 499,999	103	3,418	6,786,592	850,093	19,749,133	33,245,451
500,000 " 999,999	44	3,035	6,397,658	855,232	18,220,253	31,016,655
1,000,000 " 4,999,999	35	7,967	19,373,457	1,490,330	36,852,468	74,502,453
5,000,000 and over	10	9,864	32,227,012	7,330,641	80,022,367	133,476,959
Head Offices[1]	—	49	148,677	—	—	—
Totals	**1,591**	**32,040**	**76,390,755**	**11,551,564**	**180,543,535**	**320,012,264**
New Brunswick:						
Under $10,000	384	564	399,931	45,935	800,569	1,534,374
$ 10,000 to 24,999	170	571	761,662	67,969	1,409,257	2,813,731
25,000 " 49,999	142	911	1,338,049	132,726	2,992,313	5,275,497
50,000 " 99,999	143	1,614	2,561,172	219,530	5,780,247	10,500,984
100,000 " 199,999	113	2,184	3,819,465	350,792	9,105,877	15,966,271
200,000 " 499,999	60	2,155	4,328,323	384,394	10,420,239	18,717,004
500,000 " 999,999	35	2,553	5,354,764	583,281	12,982,401	23,902,194
1,000,000 " 4,999,999	37	6,573	15,514,306	2,374,911	42,289,707	76,697,491
5,000,000 and over	10	7,214	24,884,023	7,175,825	78,017,101	140,342,873
Head Offices[1]	—	132	791,350	—	—	—
Totals	**1,094**	**24,471**	**59,753,045**	**11,335,363**	**163,797,711**	**295,750,419**
Quebec:						
Under $10,000	2,347	3,539	3,611,528	360,683	5,374,792	11,178,061
$ 10,000 to 24,999	2,189	7,243	11,374,302	918,570	17,724,763	36,255,706
25,000 " 49,999	1,787	10,627	18,808,979	1,256,994	33,175,794	64,057,704
50,000 " 99,999	1,770	18,362	36,121,061	1,932,422	67,033,571	127,152,364
100,000 " 199,999	1,437	24,274	51,894,538	2,498,190	112,222,068	204,974,314
200,000 " 499,999	1,292	47,600	105,064,749	5,274,479	207,710,706	402,517,198
500,000 " 999,999	616	45,886	105,955,652	5,928,526	225,531,585	429,090,691
1,000,000 " 4,999,999	524	102,016	274,410,582	19,575,952	549,587,095	1,099,258,075
5,000,000 and over	170	174,935	586,148,062	108,018,436	1,598,012,738	3,012,300,750
Head Offices[1]	—	7,073	32,183,861	—	—	—
Totals	**12,132**	**441,555**	**1,225,573,314**	**145,764,252**	**2,816,373,112**	**5,386,784,863**
Ontario:						
Under $10,000	2,435	3,432	3,890,704	432,448	4,873,980	11,071,004
$ 10,000 to 24,999	2,006	6,565	11,914,657	964,100	14,368,337	33,158,418
25,000 " 49,999	1,784	10,409	22,117,196	1,523,940	29,623,437	64,390,935
50,000 " 99,999	1,749	17,261	40,285,746	2,463,878	60,085,123	125,898,511
100,000 " 199,999	1,549	25,898	64,376,831	3,924,257	107,942,146	219,239,187
200,000 " 499,999	1,530	54,147	140,778,883	7,523,385	232,507,778	483,756,990
500,000 " 999,999	811	56,100	154,170,436	8,754,803	267,000,015	564,079,592
1,000,000 " 4,999,999	959	178,537	539,605,432	34,466,360	1,013,501,681	2,069,435,511
5,000,000 and over	291	277,119	1,016,538,827	126,190,795	2,830,232,065	5,305,474,842
Head Offices[1]	—	5,086	24,303,506	—	—	—
Totals	**13,114**	**634,554**	**2,017,982,218**	**186,243,966**	**4,560,134,562**	**8,876,504,990**
Manitoba:						
Under $10,000	391	555	600,504	57,290	781,782	1,716,086
$ 10,000 to 24,999	274	928	1,605,713	108,704	2,010,048	4,586,929
25,000 " 49,999	189	1,165	2,445,200	155,951	2,997,256	6,692,641
50,000 " 99,999	162	1,739	3,943,435	256,026	5,681,028	11,814,812
100,000 " 199,999	161	2,523	5,959,342	427,137	11,520,069	22,821,185
200,000 " 499,999	170	5,641	13,407,861	809,081	28,940,881	53,228,090
500,000 " 999,999	87	5,420	14,144,020	589,738	32,269,114	61,222,533
1,000,000 " 4,999,999	84	12,170	34,629,418	3,217,894	88,082,296	171,782,334
5,000,000 and over	22	13,403	43,558,089	4,050,084	173,120,641	251,007,849
Head Offices[1]	—	196	832,697	—	—	—
Totals	**1,540**	**43,740**	**121,126,279**	**9,671,905**	**345,403,115**	**584,872,459**

1. Under this heading are included only those head offices that are not located at the plant.

TABLE 4. Principal Statistics of the Manufacturing Industries of Canada and Each Province, Classified According to the Selling Value of Factory Shipments per Establishment, 1953 — Concluded

Province and size group	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
Saskatchewan:						
Under $10,000	517	697	565,353	71,462	798,816	1,846,546
$ 10,000 to 24,999	178	582	987,031	84,280	1,152,706	2,829,943
25,000 " 49,999	85	489	980,100	82,713	1,286,138	3,069,835
50,000 " 99,999	79	741	1,804,707	147,370	2,189,745	5,484,038
100,000 " 199,999	68	851	2,183,216	239,439	5,245,809	9,928,104
200,000 " 499,999	70	1,538	4,293,382	455,874	12,000,842	21,584,365
500,000 " 999,999	26	1,228	3,309,784	342,726	10,646,726	17,132,206
1,000,000 " 4,999,999	28	2,418	7,176,753	513,830	22,593,563	44,634,516
5,000,000 and over	11	2,843	10,292,572	4,430,118	124,389,597	160,103,533
Head Offices[1]	—	217	802,620	—	—	—
Totals	**1,062**	**11,604**	**32,395,518**	**6,367,812**	**180,303,942**	**266,613,086**
Alberta:						
Under $10,000	796	1,128	910,052	111,951	1,310,518	2,989,431
$ 10,000 to 24,999	328	1,083	1,822,663	151,291	2,303,300	5,319,163
25,000 " 49,999	216	1,257	2,690,835	182,015	3,158,500	7,765,989
50,000 " 99,999	232	2,133	5,117,164	365,382	8,051,295	16,790,452
100,000 " 199,999	193	2,647	6,813,672	555,888	14,006,303	26,735,313
200,000 " 499,999	152	3,998	10,750,133	644,482	25,725,860	46,312,621
500,000 " 999,999	68	3,740	10,542,372	534,897	25,475,052	47,542,236
1,000,000 " 4,999,999	64	9,341	27,756,531	1,688,835	77,179,100	140,657,537
5,000,000 and over	23	7,566	25,383,359	5,698,496	189,011,234	261,702,085
Head Offices[1]	—	189	818,372	—	—	—
Totals	**2,072**	**33,082**	**92,605,153**	**9,933,237**	**346,221,162**	**555,814,827**
British Columbia:						
Under $10,000	1,114	1,712	1,688,646	160,311	2,181,223	5,034,382
$ 10,000 to 24,999	899	2,905	4,861,905	401,420	6,320,313	14,767,655
25,000 " 49,999	631	3,868	8,536,067	604,934	9,749,685	22,387,407
50,000 " 99,999	511	5,017	12,716,984	827,278	16,282,335	36,683,722
100,000 " 199,999	412	6,386	18,545,641	1,256,554	28,341,374	58,074,318
200,000 " 499,999	352	9,798	29,898,713	2,265,640	56,901,730	111,850,889
500,000 " 999,999	170	9,036	28,054,221	1,595,666	60,340,540	116,397,184
1,000,000 " 4,999,999	176	21,005	69,709,171	5,636,443	188,821,319	343,615,543
5,000,000 and over	52	32,735	120,281,190	13,877,314	355,557,235	658,012,590
Head Offices[1]	—	1,382	6,628,780	16,161	—	—
Totals	**4,317**	**93,844**	**300,921,318**	**26,641,721**	**724,495,754**	**1,366,823,690**
Yukon and Northwest Territories:						
Under $10,000	10	19	17,350	3,251	19,030	53,885
$ 10,000 to 24,999	8	27	57,839	9,724	65,728	152,536
25,000 " 49,999	4	24	74,850	9,542	100,018	267,883
50,000 " 99,999	2					
100,000 " 199,999	4	107	419,956	132,188	1,165,194	2,042,379
500,000 " 999,999	2					
Totals	**30**	**177**	**569,995**	**154,705**	**1,349,970**	**2,516,683**

1. Under this heading are included only those head offices that are not located at the plant.

SECTION 2. THE MANUFACTURES OF THE ATLANTIC PROVINCES

The Atlantic Provinces are of economic importance in a number of fields, such as pulp and paper, fish processing, sawmills and primary iron and steel. In Newfoundland manufacturing production is dominated by the forest and fisheries resources. Pulp and paper was the most important industry in 1953 with shipments valued at $61,436,478, followed by fish processing with $11,291,848. These two industries accounted for 68 per cent of the total production of the Province. In Prince Edward Island, agriculture and fishing resources make butter and cheese, fish processing, and prepared stock and poultry feeds the leading industries. Nova Scotia is renowned for its coal mines and its fisheries as well as extensive forests and agricultural lands and is favoured with easy access by sea to the high-grade iron-ore supply of Newfoundland. On these resources are based the leading manufactures of fish processing, primary iron and steel, railway rolling-stock, sawmills, pulp and paper; shipbuilding and repairs, and butter and cheese. In addition, important petroleum refineries; cotton yarn and cloth; and coke and gas plants add to the diversification of manufacturing in the Province. The forests of New Brunswick give a leading place to its pulp and paper and sawmilling industries. Other important manufacturing and processing was based on fish and agricultural resources.

Considering the Atlantic Provinces as an economic unit, pulp and paper was the leading industry in 1953 with factory shipments valued at $163,870,036. This was followed by fish processing with $67,662,488, sawmills $48,332,180, primary iron and steel $40,945,920, shipbuilding $32,735,553, and railway rolling stock $30,259,941. These six industries accounted for about 52 per cent of the total production of the Atlantic region. Other leading industries, in order of value of shipments, and with shipments valued $10,000,000 or more were: sugar refining, butter and cheese, petroleum products, sash, door and planing mills, slaughtering and meat packing, bread and other bakery products, miscellaneous foods, coke and gas products, miscellaneous iron and steel products, printing and publishing, breweries, and prepared stock and poultry feeds.

According to the table below, manufacturing establishments reporting in 1953 numbered 3,840 for the Atlantic Provinces as a whole. These plants furnished employment to 68,895 persons who received $165,844,553 in salaries and wages. They also shipped goods with a selling value at the factory of $745,486,256 and spent $406,277,065 for materials, while the value added by manufacture totalled $312,197,968.

Principal Statistics of the Atlantic Provinces, 1953

Province	Establishments	Employees	Earnings	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments
	No.	No.	$'000	$'000	$'000	$'000
Newfoundland	939	10,575	26,605	44,972	57,785	106,525
Prince Edward Island	216	1,809	3,096	16,964	5,879	23,199
Nova Scotia	1,591	32,040	76,391	180,543	127,917	320,012
New Brunswick	1,094	24,471	59,753	163,798	120,617	295,750
Total	**3,840**	**68,895**	**165,845**	**406,277**	**312,198**	**745,486**

Nova Scotia and New Brunswick, despite the lack of large rivers, have valuable sources of hydraulic power, a considerable portion of which has been developed. Tentative estimates give Newfoundland a potential of almost 1,000,000 h.p. at ordinary minimum flow, while in Labrador, the Hamilton River is outstanding as a potential source of power. Turbine installation at the end of 1953 totalled 306,150 h.p. in Newfoundland, 1,900 in Prince Edward Island, 171,433 in Nova Scotia and 166,018 in New Brunswick. Compared with Quebec, Ontario and British Columbia, the installed power in the Atlantic Provinces, is very small, amounting to 645,501 h.p. This compares with a total of 1,034,695 in the Prairie Provinces and 15,140,880 in the whole of Canada.

In the Atlantic region the program of industrial development has been more selective than in some of the other provinces. Fish processing, new sawmills, increased pulp-making capacity and the manufacture of non-metallic building materials like cement and gypsum products have accounted for well over half of the industrial growth. There are, however, a few outstanding exceptions. Two sizeable defence plants have been established in Nova Scotia, one to repair and overhaul naval aircraft and the other to build and repair radar and related electronic equipment. Considerable development has taken place in Newfoundland. Besides plants for the manufacture of cement and gypsum wallboard and plaster, factories for producing boots and shoes, birch veneer, cotton textiles, leather and optical goods, industrial machinery and a leather tannery were established, thus broadening the industrial base of the province. With these exceptions, most of the developments in the Atlantic Provinces have been either small and scattered or confined to the modernization and expansion of manufacturing facilities that were already established at the close of World War II.

In spite of the rapid development in the Atlantic Provinces since 1949 manufacturing production did not quite keep pace with the development in the more industralized provinces of Ontario, Quebec and British Columbia. This is indicated by a slight drop in the Atlantic Provinces' share of the Canadian total which declined from 4.52 in 1949 to 4.19 in 1953. In number of persons employed there was an increase of 8.1 per cent for the Atlantic Provinces as compared with an increase of 13.1 per cent for Canada as a whole. For salaries and wages paid the increase was 39.5 per cent as compared with 52.5 per cent for Canada, and in selling value of factory shipments the increase was 30.1 per cent for the Atlantic Provinces and 42.4 per cent for Canada as a whole.

Up to 1952 the increase in employment in the Atlantic Provinces was about the same as for Canada as a whole. In 1953, however, employment in the Atlantic Provinces declined by 1.2 per cent, while for Canada as a whole there was an increase of 3.0 per cent. The increased employment reported by Newfoundland, Prince Edward Island and New Brunswick was offset by a drop of 4.0 per cent in Nova Scotia. Selling values of factory shipments were .4 per cent lower in the Atlantic Provinces in 1953 while for Canada as a whole they were 4.7 per cent higher.

Variation in Employment and Factory Shipments, 1953 Compared with 1949

Province	Employees	Earnings	Selling value of factory shipments
	p.c.	p.c.	p.c.
Newfoundland[1]	+ 16.9	+ 50.9	+ 41.6
Prince Edward Island	+ 3.5	+ 45.1	+ 28.0
Nova Scotia	+ 9.3	+ 39.7	+ 29.2
New Brunswick	+ 4.4	+ 35.1	+ 27.8
Atlantic Provinces	+ 8.1	+ 39.5	+ 30.1
Canada	+ 13.1	+ 52.5	+ 42.4

1. Exclusive of fish processing.

TABLE 5. Principal Statistics of the Leading Industries of Newfoundland, 1953

No.	Industries	Establishments	Employees	Earnings	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments
		No.	No.	$	$	$	$
1	Pulp and paper[1]	3	3,502	14,620,636	23,657,671	35,452,650	61,436,478
2	Fish processing	35	2,466	3,313,180	5,773,358	5,093,825	11,291,248
3	Sash, door and planing mills	27	326	691,414	2,295,361	1,215,075	3,547,858
4	Breweries	3	145	430,731	621,994	2,507,650	3,214,379
5	Sawmills	691	1,241	773,815	1,456,231	1,606,668	3,147,960
6	Bread and other bakery products	12	268	583,103	1,725,542	1,015,294	2,809,814
7	Carbonated beverages	10	126	299,038	683,445	1,263,372	1,991,202
8	Biscuits	3	309	518,504	694,407	821,740	1,558,772
9	Printing and publishing	6	219	665,303	264,529	1,140,107	1,432,666
10	All other leading industries[2]	8	550	1,736,404	3,519,320	3,965,423	7,828,837
	Totals, leading industries	**798**	**9,152**	**23,632,128**	**40,691,858**	**54,081,804**	**98,259,814**
	Totals, all industries	**939**	**10,575**	**26,604,908**	**44,972,021**	**57,784,697**	**106,524,603**
	Percentage of leading industries to all industries	84.9	86.5	88.8	90.5	93.6	92.2

1. Publication of these figures was authorized by the firms concerned.
2. Includes: Cement, hydraulic; Dairy products, n.e.s.; Miscellaneous food preparations; Machinery, industrial; Paints, varnishes and lacquers.

TABLE 6. Principal Statistics of the Leading Industries of Prince Edward Island, 1953

No.	Industries	Establishments	Employees	Earnings	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments
		No.	No.	$	$	$	$
1	Butter and cheese	20	169	338,797	3,552,209	720,695	4,352,638
2	Fish processing	47	489	519,034	2,707,784	875,289	3,641,560
3	Feeds, stock and poultry, prepared	10	57	101,669	1,035,145	192,863	1,245,884
4	Printing and publishing	3	139	327,344	137,325	563,111	711,969
5	Fruit and vegetable preparations	7	107	136,624	448,508	201,988	667,528
6	Sawmills	74	144	124,167	322,672	302,984	637,918
7	Bags, cotton and jute						
8	Fertilizers	4	251	677,697	7,582,572	1,698,489	9,352,895
9	Slaughtering and meat packing						
	Totals, leading industries	**165**	**1,356**	**2,225,232**	**15,786,215**	**4,555,419**	**20,610,392**
	Totals, all industries	**216**	**1,809**	**3,095,845**	**16,963,798**	**5,878,761**	**23,198,970**
	Percentage of leading industries to all industries	76.4	74.9	71.9	93.1	77.5	88.8

TABLE 7. Principal Statistics of the Leading Industries of Nova Scotia, 1953

No.	Industries	Establishments	Employees	Earnings	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments
		No.	No.	$	$	$	$
1	Primary iron and steel	5	4,916	15,681,950	23,742,464	13,761,489	40,945,920
2	Fish processing	199	3,988	6,519,515	24,751,258	12,133,144	37,505,202
3	Shipbuilding	19	3,284	9,625,935	10,163,150	13,481,323	23,947,229
4	Pulp and paper	4	1,197	4,172,384	7,366,865	10,617,374	19,358,711
5	Sawmills	732	3,245	4,147,968	10,600,259	8,200,928	19,055,939
6	Railway rolling stock	3	1,073	2,970,813	12,588,348	5,976,337	18,856,260
7	Miscellaneous iron and steel products	3	1,098	3,198,030	6,358,941	5,234,550	11,994,398
8	Butter and cheese	25	716	1,544,938	7,606,670	3,133,843	11,008,734
9	Sash, door and planing mills	62	883	1,725,468	5,244,930	3,211,653	8,570,555
10	Bread and other bakery products	74	821	1,653,752	4,083,363	3,214,187	7,583,377
11	Printing and publishing	29	726	2,091,933	1,236,006	4,401,097	5,719,438
12	Knitted goods, other than hosiery	3	734	1,330,146	3,085,919	1,713,097	4,883,286
13	Confectionery	8	929	1,585,699	2,834,256	1,753,858	4,668,946
14	Fruit and vegetable preparations	16	432	660,700	2,269,452	1,649,052	4,028,352
15	Carbonated beverages	29	293	677,130	1,274,665	2,403,752	3,789,756
16	Feeds, stock and poultry, prepared	10	93	188,745	3,188,035	505,034	3,718,713
17	Miscellaneous food preparations	9	150	312,241	1,696,191	1,072,345	2,812,420
18	Clothing, men's factory	7	378	497,630	1,695,603	681,284	2,393,442
19	Fertilizers	3	56	140,368	1,451,413	752,693	2,216,632
20	Miscellaneous wood products n.e.s.	6	122	276,181	1,643,642	512,518	2,201,415
21	All other leading industries [1]	7	2,555	8,093,211	32,271,846	17,566,001	52,210,519
	Totals, leading industries	**1,253**	**27,689**	**67,094,737**	**165,153,276**	**111,975,559**	**287,469,244**
	Totals, all industries	**1,591**	**32,040**	**76,390,755**	**180,543,535**	**127,917,165**	**320,012,264**
	Percentage of leading industries to all industries	78.8	86.4	87.8	91.5	87.5	89.8

1. Includes: Breweries, Cotton yarn and cloth, Wire and wire goods, Aircraft and parts, Coke and gas products and Petroleum products.

TABLE 8. Principal Statistics of the Leading Industries of New Brunswick, 1953

No.	Industries	Establishments	Employees	Earnings	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments
		No.	No.	$	$	$	$
1	Pulp and paper	7	3,756	15,128,611	40,846,999	35,691,823	83,074,847
2	Sawmills	432	3,385	5,592,046	14,472,320	10,761,972	25,490,363
3	Fish processing	167	2,325	2,640,110	10,287,801	4,567,415	15,223,878
4	Slaughtering and meat packing	3	350	1,114,278	8,663,185	2,246,481	11,020,634
5	Miscellaneous food preparations	11	380	610,011	7,349,279	2,796,926	10,207,034
6	Sash, door and planing mills	63	1,093	2,290,617	6,337,424	3,427,143	9,872,095
7	Butter and cheese	30	438	925,412	6,559,685	2,334,295	9,111,999
8	Shipbuilding	3	1,248	2,927,965	1,910,267	6,155,605	8,177,537
9	Bread and other bakery products	62	767	1,611,429	3,527,283	3,365,469	7,114,798
10	Feeds, stock and poultry, prepared	12	162	364,360	5,159,685	822,413	6,034,166
11	Fertilizers	3	133	402,736	3,864,728	1,544,016	5,455,512
12	Heating and cooking apparatus	3	693	1,860,518	2,256,803	3,046,555	5,430,928
13	Printing and publishing	20	616	1,549,812	733,828	2,925,987	3,717,387
14	Miscellaneous wood products, n.e.s.	6	148	351,823	2,109,455	768,879	2,974,332
15	Confectionery	3	344	621,122	1,173,025	1,070,245	2,290,751
16	Footwear, leather	3	300	561,547	1,111,329	1,102,968	2,228,142
17	Carbonated beverages	23	242	499,228	760,732	1,368,688	2,207,263
18	All other leading industries [1]	12	5,358	14,970,461	36,559,281	27,424,377	65,932,141
	Totals, leading industries	**863**	**21,738**	**54,022,086**	**153,683,109**	**111,421,257**	**275,563,807**
	Totals, all industries	**1,094**	**24,471**	**59,753,045**	**163,797,711**	**120,617,345**	**295,750,419**
	Percentage of leading industries to all industries	78.9	88.8	90.4	93.8	92.4	93.2

1. Includes: Biscuits; Breweries; Brooms, brushes and mops; Brass and copper products; Cotton yarn and cloth; Cement, hydraulic; Railway rolling stock; Sugar refining and Synthetic textiles and silk.

SECTION 3. THE MANUFACTURES OF QUEBEC

Quebec with about 30 per cent of Canada's total selling value of factory shipments ranks as the second largest industrial province in Canada. Manufacturing establishments reporting in 1953 numbered 12,132. These plants furnished employment to 441,555 persons who received $1,225,573,314 in salaries and wages. They also shipped goods with a selling value at the factory of $5,386,784,863 and spent $2,816,373,112 for materials, while the value added by manufacture totalled $2,424,647,499.

Manufacturing production in Quebec continued to expand during 1953. Compared with the previous year there was an increase of 2.8 p.c. in the number of persons employed, 8.8 p.c. in the salaries and wages paid, and 4.1 p.c. in the selling value of factory shipments. The extent of the expansion was about the same as for Canada as a whole which showed an increase of 3.0 p.c. in the number of persons employed, 8.8 p.c. in the salaries and wages paid and 4.7 p.c. in the selling value of factory shipments.

Quebec has developed its $5.4 billion manufacturing output with such leading industries as pulp and paper, non-ferrous metal-smelting and refining, petroleum products, slaughtering and meat packing, cotton yarn and cloth, men's and women's clothing, tobacco, cigars and cigarettes, synthetic textiles and silk, railway-rolling stock and leather footwear. In common with the rest of Canada, Quebec experienced a great industrial expansion following the second World War. Nor was this expansion confined to the existing industrial areas, but spread to many towns and villages in the accessible areas of the province.

Quebec's leading industry is pulp and paper with an output of approximately $511 million in 1953. Quebec is a principal world centre for the production of newsprint with 55 major pulp and paper plants concentrated in the Trois Rivieres and Shawinigan Falls districts as well as along the Saguenay, Ottawa, and St. Lawrence rivers.

The production of non-ferrous metals has expanded considerably during the past decade. The output of aluminum has made impressive strides during the past years and reached a record total of 548,445 tons in 1953. After the end of the war, with the disappearance of the demands for defense, surplus productive capacity appeared. New civilian uses were found to take up the slack, so that by 1948 the industry was producing 75 p.c. of its peak wartime output. To this has been added the defense demands created by the Korean war and in 1952 the peak level of production attained in 1943 has again been reached. Quebec, with its new furniture factories, its new titanium smelter and its expanded aluminium-making facilities, is challenging Ontario's long established lead in a number of the wood and non-ferrous metal products industries.

There are several important factors which contributed to the great industrial development of the Province. To begin with, the geographic situation of the Province is extremely favourable, with an excellent large harbour 800 miles inland where sea-going vessels of heavy tonnage can dock. There is also an extensive highway system linking the small rural areas to the big industrial centres. Other significant factors include abundant forest resources, water power, minerals, agricultural lands and, of even more importance, an industrious and stable population.

Quebec ranks highest in available water-power resources, having more than 40 p.c. of the total recorded for all Canada. Its power development has been remarkable and its installation of 7,717,860 h.p. at the end of 1953 represents over 50 p.c. of the total for Canada. The St. Lawrence River Beauharnois development of 1,408,000 h.p. and the Saguenay River Shipshaw development of 1,200,000 h.p. are the two largest in the country.

Two of the most important industrial developments in Quebec today are the Ungava iron ore project and the new titanium industry. With the exploitation of the Ungava iron deposits on which it is believed, the future of the great steel industries of this Continent rests, Quebec's industrial base is being expanded to the point where the future industrial development of this Province is well assured.

Quebec's industries are not as diversified as those of Ontario, although a number have an output approximately half or more of the total Canadian production. The manufacture of pulp and paper occupies the premier position. Fifty years ago this industry had hardly come into existence in the Province and in the mid-1920's the annual gross value of production had not yet reached $100,000,000. By the end of 1953 it accounted for about 10 p.c. of the gross value of Quebec's manufactures and for about 43 p.c. of the Canadian total for this industry. Other large Canadian industries in which Quebec predominates are tobacco, cigars and cigarettes 94.0 p.c. of the Canadian total; women's factory clothing 68.7 p.c.; cotton yarn and cloth 65.8 p.c.; leather footwear 59.7 p.c.; synthetic textiles and silk 57.3 p.c.; men's factory clothing 56.7 p.c.; railway rolling stock 46.4 p.c.; miscellaneous electrical appliances 44.8 p.c.; and pulp and paper 43.4 p.c.

Quebec also predominates in a large number of the smaller industries. The candle industry contributed 98.0 p.c. of the Canadian total; men's clothing contractors 92.2 p.c.; cotton thread 83.3 p.c.; women's clothing contractors 81.0 p.c.; dyeing and finishing of textiles 78.2 p.c.; children's clothing 77.4 p.c.; oiled and waterproofed clothing 74.5 p.c.; artificial flowers and feathers 74.3 p.c.; lasts, trees and shoe findings 73.8 p.c.; oilcloth, linoleum and coated fabrics 72.4 p.c.; embroidery, pleating and hemstitching 69.5 p.c.; miscellaneous clothing 68.1 p.c.; boot and shoe findings, leather 67.7 p.c.; narrow fabrics 67.3 p.c.; corsets 65.5 p.c.; fur dressing and dyeing 64.0 p.c.; process cheese 60.8 p.c.; miscellaneous textiles 59.3 p.c.; fur goods 54.9 p.c.; asbestos products 53.8 p.c.; medicinal and pharmaceutical preparations 47.2 p.c.; musical instruments 47.0 p.c.; buttons 43.6 p.c.; woollen cloth 41.0 p.c. etc.

TABLE 9. Principal Statistics of the Forty Leading Industries of Quebec, 1953

No.	Industries	Establishments	Employees	Earnings	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments
		No.	No.	$	$	$	$
1	Pulp and paper	55	24,173	96,812,159	219,816,982	251,526,471	511,474,753
2	Non-ferrous metal smelting and refining	9	10,513	38,574,737	206,100,319	123,449,268	360,402,924
3	Petroleum products	8	2,636	10,905,932	185,182,964	62,906,739	257,951,853
4	Slaughtering and meat packing	36	4,467	13,830,937	143,020,867	30,001,134	173,981,064
5	Railway rolling stock	9	16,844	55,974,465	80,207,737	74,420,630	156,943,317
6	Clothing, men's factory	350	19,014	39,653,955	83,812,987	71,126,823	155,362,378
7	Clothing, women's, factory	502	18,519	38,962,259	80,282,827	70,803,377	151,398,926
8	Aircraft and parts	22	14,767	53,646,235	56,592,155	91,432,301	148,918,382
9	Tobacco, cigars and cigarettes	29	7,127	21,788,726	75,129,603	63,089,451	138,606,911
10	Cotton yarn and cloth	21	14,322	34,612,187	91,879,654	43,906,677	138,284,551
11	Butter and cheese	690	5,304	11,837,901	90,492,509	22,706,423	115,143,831
12	Miscellaneous electrical apparatus and supplies	35	12,120	40,402,310	45,082,380	67,670,216	113,781,127
13	Sawmills	1,788	10,537	17,529,940	58,709,361	36,405,428	96,026,261
14	Miscellaneous food preparations	85	2,764	7,302,962	62,621,609	27,474,410	90,732,383
15	Shipbuilding	13	10,719	34,005,878	31,174,241	55,409,501	87,290,590

TABLE 9. Principal Statistics of the Forty Leading Industries of Quebec, 1953 — Concluded

No.	Industries	Establishments	Employees	Earnings	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments
		No.	No.	$	$	$	$
16	Synthetic textiles and silk	36	11,322	30,302,973	36,827,657	44,960,008	83,894,376
17	Bread and other bakery products	944	9,832	21,668,015	37,664,965	39,043,008	79,275,643
18	Footwear, leather	172	13,329	25,859,053	39,079,715	38,994,709	78,430,221
19	Miscellaneous chemical products	75	7,286	21,400,887	45,095,320	29,945,848	76,674,583
20	Furniture	517	10,027	23,982,190	35,229,397	39,394,120	75,369,931
21	Machinery, industrial	60	7,324	24,025,915	25,206,773	48,342,255	74,321,361
22	Brass and copper products	37	3,083	10,333,913	45,072,023	20,264,536	66,203,818
23	Boxes and bags, paper	53	4,523	11,187,399	35,103,801	28,182,645	63,599,710
24	Printing and publishing	81	6,684	21,434,861	17,086,617	40,223,417	57,691,584
25	Breweries	6	2,568	9,739,051	16,953,682	38,812,961	56,493,331
26	Sheet metal products	74	5,032	15,836,705	28,959,450	25,818,722	55,275,009
27	Feeds, stock and poultry, prepared	204	1,529	3,351,599	44,869,358	8,238,580	53,613,301
28	Bridge building and structural steel	13	3,631	13,820,577	23,771,687	29,123,499	53,320,447
29	Radio and television sets and parts	20	4,850	16,796,013	30,643,567	22,120,925	52,948,231
30	Rubber goods, including footwear	28	6,283	17,571,287	20,694,753	31,161,629	52,559,824
31	Primary iron and steel	16	4,157	14,801,522	21,252,723	25,901,830	49,846,420
32	Distilled liquors	8	2,327	7,094,325	15,810,307	31,727,629	48,511,848
33	Acids, alkalies and salts	16	3,307	12,441,548	18,702,072	25,293,426	48,483,947
34	Sash, door and planing mills	787	5,876	11,897,554	27,984,748	18,832,121	47,584,033
35	Printing and bookbinding	556	6,782	19,043,244	15,478,859	29,584,413	45,498,703
36	Medicinal and pharmaceutical preparations	98	3,621	10,834,252	15,362,693	28,271,136	44,142,988
37	Carbonated beverages	186	2,850	7,397,479	13,093,716	26,986,763	40,906,303
38	Miscellaneous paper goods	70	2,471	6,454,379	22,276,630	15,909,175	38,452,915
39	Knitted goods	75	4,991	9,451,300	18,952,417	16,968,539	36,293,654
40	Paints, varnishes and lacquers	34	2,292	7,829,926	17,001,634	18,568,713	35,799,423
	Totals, leading industries[1]	**7,818**	**309,803**	**890,396,550**	**2,178,280,759**	**1,814,999,456**	**4,111,490,855**
	Totals, all industries	**12,132**	**441,555**	**1,225,573,314**	**2,816,373,112**	**2,424,647,499**	**5,386,784,863**
	Percentage of leading industries to all industries	64.4	70.1	72.6	77.3	74.8	76.3

1. Sugar refining is also a leading industry. Statistics, however are confidential.

SECTION 4. THE MANUFACTURES OF ONTARIO

The manufacturing industries of Ontario continued to expand during 1953, the selling value of factory shipments at $8,876,504,990 being the highest on record. Establishments reporting numbered 13,114. They furnished employment to 634,554 persons who received $2,017,982,218 in salaries and wages, and spent $4,560,134,562 for materials. The value added by manufacture which is the gross value of production, less the cost of materials used including the cost of fuel and electricity, also reached a record figure of $4,130,126,462. Compared with the previous year there was an increase of 4.1 p.c. in the number of persons employed, 9.4 p.c. in the salaries and wages paid, and 6.0 p.c. in the selling value of factory shipments. The expansion of manufacturing in Ontario was greater than in the other major industrial provinces. This is indicated by an increase of only 3.0 p.c. in employment, 8.8 p.c. in salaries and wages paid, and 4.7 p.c. in selling value of factory shipments for Canada as a whole.

Ontario, which is now recognized as one of the world's major industrial areas, accounts for approximately half of Canada's manufacturing production. Here, the proximity of raw materials, cheap hydro-electric power, and a strategic location in relation to export markets, not only on this continent but overseas, have been the decisive factors in the development of Ontario to its present industrial position. Most of the manufactures of the province and most of its population are located in Southern Ontario. This area has the inestimable advantage of bordering on the St. Lawrence-Great Lakes waterway system which give access westward to the heart of the continent and eastward to the shipping routes of the world, and which is also the source of most of Ontario's hydro-electricity. Many new industrial areas are being created as new industries and branch plants of established industries are increasingly being located in the smaller towns.

Despite the great industrial progress made by other provinces, Ontario continues to maintain its predominance and in 1953 produced about 50 per cent of the nation's manufactured goods. A vast increase in steel ingot capacity is being made possible by developments at Steep Rock Iron Mines. At Sarnia, huge investments have gone into the construction of new plant for a whole group of new products based on Alberta oil flowing through the Edmonton-Superior pipe line. Other significant developments are taking place in synthetic rubber and industrial and consumer chemicals. Ontario has continued to gain in such traditional lines as motor vehicles, industrial and farm machinery, and the manufacture of household equipment. The same may be said of other "hard" goods like business and office machinery and electrical apparatus and supplies. Numerous plants making aircraft components and building materials have favoured the Toronto area, and chemical production has been rising by leaps and bounds in the vicinity of Sarnia and along the lower reaches of the St. Lawrence River between Cornwall and Kingston.

Ontario also has the greatest diversification of manufacturing production of any province. Certain industries, such as the manufacture of motor vehicles, motor vehicle parts, heavy electrical machinery, agricultural implements, machine tools, starch and glucose, bicycles and the processing of raw tobacco are carried on in practically this province alone. Of the forty leading industries in Canada in 1953, a substantial number of them were dominated by Ontario's share of the total production. These industries, with the percentage which the production of each bears to that of the 1953 Canada totals are as follows: motor vehicles 98.7, motor vehicle parts 96.8, heavy electrical machinery 94.0, agricultural implements 91.2, rubber goods 81.8, primary iron and steel 76.8, radio and television sets and parts 72.4, iron castings 71.2, fruit and vegetable preparations 64.6, miscellaneous paper products 64.1, sheet metal products 60.8, printing and bookbinding 58.7, aircraft and parts 58.6, industrial machinery 57.5, brass and copper products 55.3, boxes and bags, paper 53.3, miscellaneous electrical apparatus 53.0, and furniture 50.4. In addition Ontario dominated many of the smaller industries in 1953 as follows: machine tools 100.0, starch and glucose 99.1, bicycles and parts 96.7, tobacco processing and packing 95.7, soaps and washing compounds 90.7, breakfast foods 89.3, carpets, mats and rugs 88.5, automobile accessories, fabric 88.4, leather tanneries 86.9, wine 86.6, typewriter supplies 86.2, artificial abrasives 85.3, miscellaneous non-ferrous metal products 83.9, cordage, rope and twine 82.6, batteries 81.1, sporting goods 79.3, refrigerators, vacuum cleaners and appliances 77.6, white metal alloys 76.6, household and office machinery 75.9, toys and games 74.9, scientific and professional equipment 74.6, jewellery and silverware 73.6, boilers and plate work 73.4, wool yarn 73.2, hardware, tools and cutlery 72.9, feed mills 67.9, aluminum products 62.5, animal oils and fats 61.6, acids, alkalies and salts 58.8, confectionery 55.8, knitted goods 54.6, and hosiery 48.4.

TABLE 10. Principal Statistics of the Forty Leading Industries of Ontario, 1953

No.	Industries	Establishments	Employees	Earnings	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments
		No.	No.	$	$	$	$
1	Motor vehicles	13	31,943	127,775,690	551,267,610	269,184,242	824,580,689
2	Non-ferrous metal smelting and refining	7	10,012	38,527,021	197,566,885	162,093,574	376,501,229
3	Pulp and paper	43	18,631	74,971,008	153,553,660	177,179,862	352,414,301
4	Primary iron and steel	26	24,383	93,900,808	162,583,778	167,295,716	352,408,279
5	Slaughtering and meat packing	61	8,706	29,117,304	263,894,240	61,492,919	327,326,431
6	Motor vehicle parts	105	22,177	77,566,306	158,541,735	135,275,467	297,765,989
7	Rubber goods, including footwear	39	16,267	53,289,706	93,562,852	141,173,937	237,746,006
8	Aircraft and parts	17	20,431	80,284,209	72,332,752	159,922,729	233,669,531
9	Machinery, heavy, electrical	37	23,723	82,805,273	81,189,337	146,566,947	229,604,515
10	Petroleum products	12	5,071	20,933,480	140,282,154	43,622,002	193,594,550
11	Agricultural implements	32	12,778	46,504,598	84,329,988	70,846,260	156,805,494
12	Radio and television sets, and parts	68	11,905	33,153,112	81,193,239	63,171,780	144,859,196
13	Butter and cheese	499	7,690	21,112,419	100,382,817	37,084,189	140,323,165
14	Sheet metal products	170	10,825	35,566,793	71,446,091	64,072,531	137,158,117
15	Miscellaneous electrical apparatus and supplies	96	10,189	33,119,122	60,889,641	72,069,468	134,488,218
16	Fruit and vegetable preparations	199	9,411	21,156,281	75,253,530	55,551,894	132,533,662
17	Machinery, industrial	183	12,359	42,598,810	47,120,218	81,613,231	130,011,593
18	Flour mills	55	2,172	6,806,826	101,470,921	17,346,294	119,499,336
19	Printing and publishing	301	12,975	45,039,258	32,655,949	83,990,722	117,692,974
20	Furniture	673	14,956	39,607,973	52,687,103	62,836,918	116,745,089
21	Bread and other bakery products	849	14,674	36,605,736	52,639,369	59,924,269	116,521,951
22	Castings, iron	94	10,257	36,412,658	50,251,336	59,478,287	112,129,542
23	Miscellaneous food preparations	124	4,413	12,523,191	70,058,650	33,997,078	105,850,983
24	Boxes and bags, paper	104	7,619	22,332,007	62,115,661	42,961,461	105,753,146
25	Printing and bookbinding	734	12,713	37,601,443	37,753,374	64,928,660	103,437,436
26	Brass and copper products	87	5,250	18,316,070	59,219,219	34,139,590	94,425,494
27	Miscellaneous paper goods	114	6,338	19,006,593	50,819,681	42,646,297	94,413,066
28	Hardware, tools and cutlery	247	10,516	34,253,868	28,764,497	62,725,742	92,804,046
29	Railway rolling stock	15	7,195	25,365,544	51,182,024	39,350,894	91,686,708
30	Miscellaneous chemical products	128	4,653	16,219,469	37,619,531	44,914,621	88,933,157
31	Refrigerators, vacuum cleaners and appliances	63	7,263	22,893,291	42,597,168	45,347,020	88,914,283
32	Breweries	21	3,130	12,857,429	20,592,422	62,061,665	83,594,803
33	Clothing, men's, factory	160	11,373	26,020,365	42,551,611	39,416,642	82,244,104
34	Soaps, washing compounds and cleaning preparations	66	3,165	11,435,863	34,995,599	44,869,073	80,944,064
35	Coke and gas products	16	2,818	10,067,623	45,985,426	31,220,581	80,321,616
36	Sawmills	1,207	8,664	18,492,607	41,590,943	37,129,639	79,573,208
37	Feeds, stock and poultry, prepared	284	2,675	6,667,231	60,868,148	13,854,308	75,952,490
38	Machinery, household, office and store	44	6,067	19,997,369	32,730,354	41,836,395	75,086,351
39	Acids, alkalies and salts	20	4,502	17,177,592	22,651,512	43,717,546	74,892,156
40	Boilers, tanks and platework	43	6,172	23,000,485	27,553,465	43,331,055	71,650,475
	Totals, leading industries	**7,056**	**426,061**	**1,431,082,431**	**3,454,744,790**	**2,960,241,505**	**6,554,857,443**
	Totals, all industries	**13,114**	**634,554**	**2,017,982,218**	**4,560,134,562**	**4,130,126,462**	**8,876,504,990**
	Percentage of leading industries to all industries	53.8	67.1	70.9	75.8	71.7	73.8

SECTION 5. THE MANUFACTURES OF THE PRAIRIE PROVINCES

The leading industries of the Prairie Provinces are those based on agricultural resources—grain-growing, catte-raising and dairying areas. Next in importance, generally, are industries providing for the more necessary needs of the resident population, such as the baking of bread, printing and publishing, etc. The extensive railway services require large shops for the maintenance of rolling-stock, especially in the Winnipeg area. The widespread use of motor vehicles and power machinery on farms has given rise to petroleum refineries in each province. The greatly increased production of crude petroleum in Alberta seems likely to lead to further development of the refining industry. This industry has made tremendous strides in the Prairie Provinces since 1949. At that time it ranked third in importance, being outranked by slaughtering and meat packing which was then in first place and by flour mills which ranked second. Of greater significance is the fact that it has increased its proportion of the total manufacturing production of the Prairie Provinces from 8.5 p.c. in 1949 to 12.6 p.c. in 1953. Manitoba, as the early commercial centre of the prairies, has had a greater industrial development than either of the other provinces. Its natural resources of accessible water powers, forests and, more recently, minerals, have given rise to quite a diversification of industrial production. In Saskatchewan, while the main economic role continues to be played by agriculture, both oil and mineral wealth are being developed.

Considering the Prairie Provinces as an economic unit, slaughtering and meat packing had the largest value of factory shipments in 1953, amounting to $254,281,252, followed by petroleum products with $177,755,925, flour mills $109,280,007, butter and cheese $91,021,014 and railway rolling stock $58,272,876. These five industries accounted for about 49 p.c. of the total production of the Prairie Provinces. Other leading industries, in order of gross value of factory shipments, were: bread and other bakery products, breweries, printing and publishing, sawmills, miscellaneous foods, sash, door and planing mills, men's factory clothing, furniture, bridge building and structural steel, sheet metal products, sugar refining, printing and bookbinding, prepared stock and poultry feeds, carbonated beverages, women's factory clothing, hydraulic cement, pulp and paper, etc.

In water-power resources, the Prairie Provinces are not so well endowed as the more highly industrialized provinces of Quebec, Ontario and British Columbia. At the end of 1953 power installation in the three Provinces totalled only 1,034,695 h.p. or about 7 p.c. of the Canadian total. Manitoba had 716,900 h.p., Saskatchewan 109,835 h.p. and Alberta 207,960 h.p. With the present developments of natural gas and oil, the Prairie Provinces, will in large measure be able to overcome a lack of water-power resources which is so vital to industrial development. Manitoba has more water-power resources and has developed them to a greater extent than either of the other Prairie Provinces. Practically all the developed sites are located on the Winnipeg River. These supply not only Winnipeg and its suburban areas but, through the transmission network of the Manitoba Power Commission, power is distributed to more than 400 municipalities and a large part of rural areas of southern Manitoba where farm electrification is a primary objective. In Saskatchewan, water-power development is confined to the northern mining districts. The southern portions of Saskatchewan and Alberta are lacking in water-power resources but have large fuel reserves. In Alberta, present developments are located in the Bow River basin and serve Calgary and numerous other municipalities between the International Boundary and the area north of Edmonton.

In the Prairie Provinces, the nature of developments vary from one province to another. Alberta has moved to the forefront, especially since 1950. There the emphasis has been more on the manufacture of machinery and equipment, including products like drill bits and tanks, heat exchangers and other bulky equipment for the burgeoning oil and gas industries. Chemicals, and especially petrochemicals, have made striking gains; second in terms of new growth, they now embrace various rayon intermediates and polythene plastics, as well as fertilizers and the manufacture of other new inorganic products like caustic soda and chlorine. Sizeable gains have been made by the expansion of food-processing plants and the construction of still more factories for making building materials.

Developments in Saskatchewan, by contrast, have continued along more or less traditional lines. The largest gains, for instance, have been recorded in food processing. Notable in this respect has been the establishment of three new fresh-water fish-packing plants. The manufacture of building materials, including non-metallic mineral products and lumber, has also increased. However, the largest single gain in employment has been in the refining of prairie oil for local use.

Manitoba, next to Alberta, has made the best showing on the Prairies, a surprisingly large number of small and medium-sized firms having located in the Winnipeg area since 1945. The clothing industry has outstripped electrical apparatus in employment gains; food processing, building materials and machinery manufacture following in that order. Plantwise, however, the largest single increase has been in meat packing, although three large electrical apparatus concerns and a sizeable new oil refinery have also been established in that area.

According to the table below manufacturing establishments reporting in 1953 numbered 4,674 for the Prairie Provinces as a whole. These plants furnished employment to 88,426 persons who received $246,126,950 in salaries and wages. They also shipped goods with a selling value at the factory of $1,407,300,372 and spent $871,928,219 for materials, while the value added by manufacture totalled $509,399,199.

Principal Statistics of the Prairie Provinces, 1953

Province	Establishments	Employees	Earnings	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments
	No.	No.	$'000	$'000	$'000	$'000
Manitoba	1,540	43,740	121,126	345,403	229,797	584,872
Saskatchewan	1,062	11,604	32,395	180,304	79,941	266,613
Alberta	2,072	33,082	92,605	346,221	199,660	555,815
Totals	**4,674**	**88,426**	**246,126**	**871,928**	**509,398**	**1,407,300**

In spite of the rapid development in the Prairie Provinces since 1939, manufacturing production did not keep pace with the developments in the more industrialized provinces of Ontario, Quebec and British Columbia. This is indicated by the slight drop in the Prairie Provinces' share of the Canadian total which declined from 8.13 p.c. in 1939 to 7.91 p.c. in 1953. In spite of an increase of 105 p.c. in the number of employees as compared with an increase of 102 p.c. for the whole of Canada, factory shipments were 398 p.c. higher for the Prairie Provinces as compared with 412 p.c. for Canada as a whole.

According to the table below, Manitoba and Saskatchewan did not keep pace with manufacturing developments in Canada as a whole. Alberta on the other hand fared much better. Compared with 1939 employment increased by 160 p.c. and the value of factory shipments by 535 p.c. This compares with increases for Canada as a whole of 102 p.c. and 412 p.c. respectively.

Variation in Employment and Factory Shipments, 1953 Compared with 1939

Province	Employees	Earnings	Selling value of factory shipments
	p.c.	p.c.	p.c.
Manitoba	+ 83	+ 326	+ 335
Saskatchewan	+ 79	+ 341	+ 340
Alberta	+ 160	+ 518	+ 535
Prairie Provinces	**+ 105**	**+ 385**	**+ 398**
Canada	**+ 102**	**+ 435**	**+ 412**

TABLE 11. Principal Statistics of the Leading Industries of Manitoba, 1953

No.	Industries	Establishments	Employees	Earnings	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments
		No.	No.	$	$	$	$
1	Slaughtering and meat packing	13	3,088	10,357,475	88,767,316	21,163,107	110,456,068
2	Railway rolling stock	4	6,154	19,919,048	19,935,570	20,550,955	40,983,287
3	Butter and cheese	72	1,430	3,658,301	20,923,362	7,295,273	28,658,915
4	Flour mills	8	543	1,318,422	23,657,789	3,008,136	26,836,993
5	Petroleum products	4	400	1,570,469	19,692,425	4,611,062	25,237,912
6	Clothing, men's factory	49	2,907	5,552,078	12,928,893	9,484,421	22,483,403
7	Miscellaneous food preparations	25	735	1,990,277	15,737,032	5,510,754	21,511,258
8	Furniture	113	1,693	4,454,253	8,570,856	7,438,029	16,136,196
9	Printing and publishing	80	2,000	5,652,613	4,424,422	11,035,236	15,598,112
10	Bread and other bakery products	135	1,731	4,315,739	6,588,303	6,986,438	14,008,701
11	Pulp and paper[1]	3	503	1,948,335	4,049,995	8,014,536	13,023,260
12	Clothing, women's factory	27	1,526	3,481,077	7,075,753	5,363,636	12,476,340
13	Bridge building and structural steel	3	750	2,692,676	4,328,953	7,793,963	12,211,840
14	Breweries	6	583	1,946,802	2,160,434	8,288,972	10,611,391
15	Primary iron and steel	4	980	3,365,384	2,815,466	6,594,524	10,001,096
16	Printing and bookbinding	75	1,318	3,453,171	3,417,723	6,380,683	9,868,197
17	Sheet metal products	21	911	2,660,236	3,994,759	5,027,865	9,108,452
18	Boxes and bags, paper	8	589	1,749,657	5,521,652	3,384,436	8,968,105
19	Agricultural implements	18	604	1,665,552	3,591,045	4,960,289	8,639,114
20	Feeds, stock and poultry, prepared	33	216	544,871	5,056,952	1,170,298	6,304,143

TABLE 11. Principal Statistics of the Leading Industries of Manitoba, 1953 – Concluded

No.	Industries	Establishments	Employees	Earnings	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments
		No.	No.	$	$	$	$
21	Bags, cotton and jute	4	219	524,454	5,490,998	674,102	6,186,704
22	Carbonated beverages	21	343	933,397	1,862,664	4,134,090	6,137,404
23	Fur goods	55	670	1,720,470	3,506,541	2,250,935	5,779,383
24	Miscellaneous iron and steel products	7	505	1,794,897	2,107,528	3,174,047	5,354,647
25	Paints, varnishes and lacquers	5	249	627,962	2,684,276	2,602,214	5,315,541
26	All other leading industries [2]	4	1,809	5,387,241	15,257,711	7,544,177	23,396,616
	Totals, leading industries	**797**	**32,456**	**93,284,857**	**294,148,418**	**174,442,178**	**475,293,078**
	Totals, all industries	**1,540**	**43,740**	**121,126,279**	**345,403,115**	**229,797,439**	**584,872,459**
	Percentage of leading industries to all industries	51.7	74.2	77.0	85.2	75.9	81.2

1. Publication of these figures was authorized by the firms concerned.
2. Includes: Aircraft and parts, Biscuits, and Non-ferrous metal smelting and refining.

TABLE 12. Principal Statistics of the Leading Industries of Saskatchewan, 1953

No.	Industries	Establishments	Employees	Earnings	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments
		No.	No.	$	$	$	$
1	Petroleum products	9	1,003	3,890,557	45,754,470	14,969,468	62,777,002
2	Flour mills	12	723	2,301,439	34,638,648	7,903,981	42,911,324
3	Slaughtering and meat packing	8	1,142	3,656,786	23,486,604	8,151,631	31,879,941
4	Butter and cheese	60	1,298	3,240,315	20,497,484	7,112,918	28,008,313
5	Breweries	5	393	1,403,248	2,430,232	8,069,105	10,653,206
6	Bread and other bakery products	91	1,036	2,480,046	4,287,106	5,331,587	9,867,524
7	Printing and publishing	100	1,130	3,204,739	1,870,055	5,647,070	7,625,152
8	Sawmills	441	994	1,210,958	1,854,793	2,948,543	4,908,053
9	Carbonated beverages	24	289	758,081	1,586,738	2,394,121	4,133,801
10	Sash, door and planing mills	29	433	1,125,761	2,029,237	2,016,270	4,101,872
11	Sheet metal products	5	237	652,051	1,902,950	1,476,525	3,399,481
12	Miscellaneous wood products, n.e.s.	8	132	330,382	2,098,331	870,069	2,984,948
	Totals, leading industries [1]	**792**	**8,810**	**24,254,363**	**142,436,648**	**66,891,288**	**213,250,617**
	Totals, all industries	**1,062**	**11,604**	**32,395,518**	**180,303,942**	**79,941,332**	**266,613,086**

1. Non-ferrous metal smelting and refining is also a leading industry. Statistics, however, are confidential since there are less than three firms reporting.

TABLE 13. Principal Statistics of the Leading Industries of Alberta, 1953

No.	Industries	Establishments	Employees	Earnings	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments
		No.	No.	$	$	$	$
1	Slaughtering and meat packing	12	3,378	10,608,525	92,715,225	18,731,942	111,945,243
2	Petroleum products	15	1,412	5,694,916	60,186,566	26,453,659	89,741,011
3	Flour mills	14	869	2,148,048	34,810,062	4,482,839	39,531,690
4	Butter and cheese	100	1,819	4,569,534	26,260,907	7,686,129	34,353,786
5	Sawmills	833	3,476	5,508,627	10,378,399	12,847,395	23,781,960
6	Sash, door and planing mills	107	2,034	5,165,706	14,280,400	8,129,131	22,599,745
7	Railway rolling stock	3	2,318	7,413,581	9,649,096	7,413,581	17,289,589
8	Bread and other bakery products	128	1,691	4,485,792	7,573,679	8,771,132	16,649,587
9	Breweries	5	541	1,881,837	3,531,447	10,146,777	13,815,434
10	Printing and publishing	81	1,187	3,469,042	2,735,532	7,672,717	10,494,148
11	Miscellaneous food preparations	14	311	847,125	7,512,281	2,044,401	9,700,607
12	Concrete products	32	586	1,905,412	4,439,756	3,977,353	8,551,945
13	Bridge building and structural steel	3	606	2,143,981	3,783,827	3,422,422	7,245,315
14	Feeds, stock and poultry, prepared	48	264	662,299	5,258,810	1,637,963	7,002,081
15	Miscellaneous wood products, n.e.s.	11	365	977,516	4,472,407	1,992,345	6,542,647
16	Clothing, men's, factory	9	694	1,539,756	3,552,715	2,846,161	6,415,886
17	Machine shops	67	798	2,674,921	2,375,746	3,720,393	6,195,342
18	All other leading industries [1]	5	1,053	3,508,573	9,671,966	16,220,148	27,870,372
	Totals, leading industries	**1,487**	**23,402**	**65,205,191**	**303,188,821**	**148,196,488**	**459,726,388**
	Totals, all industries	**2,072**	**33,082**	**92,605,153**	**346,221,162**	**199,660,428**	**555,814,827**
	Percentage of leading industries to all industries	71.8	70.7	70.4	87.6	74.2	82.7

1. Includes: Cement, hydraulic, Fertilizers, and Sugar refining.

SECTION 6. THE MANUFACTURES OF BRITISH COLUMBIA

British Columbia, with factory shipments totalling $1,366,823,690 in 1953, ranked third among the provinces in manufacturing production. In spite of the rapid industrialization of other provinces, British Columbia succeeded in increasing its share of the total Canadian output. This is reflected in the increase in the total from 7.1 p.c. in 1939 to 7.8 p.c. in 1952, with a slight decline to 7.7 p.c. in 1953.

Forest resources, fisheries, minerals and electric power have given a broad base and wide diversification to its industrial development. While Ontario and Quebec have an outstanding predominance in each of the major industrial groups of the Standard Industrial Classification, in the production of wood products, however, British Columbia with 37 p.c. of the Canadian total holds the dominant position, outranking both Ontario and Quebec which account respectively for 26 and 22 p.c. of the total.

Emphasizing the importance of the forests in the industrial life of the Province, the sawmilling industry ranked first with a gross value of shipments of $323,474,522, and pulp and paper second with $138,883,093. Third in importance was fish processing, based principally in the estuarial salmon fisheries, British Columbia accounted for approximately 48 p.c. of the output of the fish processing industry in 1953 and plays a large part in making Canada the largest fish exporting nation in the world. Other important industries are: veneers and plywoods, slaughtering and neat packing, sash, door and planing mills, petroleum products, miscellaneous food preparations, fertilizers, shipbuilding, fruit and vegetable preparations, butter and cheese, bridge building and structural steel, bread and other bakery products, printing and publishing, etc. The non-ferrous metal smelting and refining industry ranks high amongst the leading industries. Information, however, cannot be published as there is only one smelter located in the Province.

A feature of recent progress has been that new developments are taking place in areas far removed from accepted industrial centres. Growing lines of communication and transportation are fanning out from and leading into formerly locked interior communities to tap a vast new potential and offer new sources of provincial economic unity and strength. Factories and plants in remote sections are drawing greater value in employment and dollars from natural resources. The growth of the province industrially may be indicated by the increase in employment which is more than double the pre-war figure. In dollar terms, gross value of manufacturing is now more than double of the immediate postwar period, and up more than fivefold since 1939. The consumption of 3.2 billion kwh of electric power by manufacturers during 1953 marks a steady upward climb of 29 per cent in the past decade.

British Columbia ranks second among the provinces in available water-power resources and its hydraulic development which at the end of 1953 totalled 1,702,858 h.p., out of a Canadian total of 15,140,880 h.p., is exceeded only by Quebec and Ontario. Present developments are practically all located in the southern part of the province in the Fraser and Columbia River basins. The Aluminum Co. of Canada is making excellent progress in its great Nechako-Kitimat scheme, involving diversion of the head-waters of the Fraser River through the coastal range by a ten-mile tunnel to an underground powerhouse. It is anticipated that the first stage of installation, covering 420,000 h.p. in three units, will be completed in 1954. This power will be used in the production of aluminum which will be a new product for British Columbia.

In the investment in new plant and equipment by British Columbia manufacturers, the wood products group, principally sawmills and including new plants manufacturing plywood and furniture, are well out in front. This is so both in number of firms and in new development opportunities. Next in line comes paper products. Four new mills have been built and others expanded to increase British Columbia's output of newsprint, kraft and dissolving pulps. New plants making chemicals, principally fertilizers and plywood adhesives, have been prominent, as well as firms making machinery and equipment. Food processing has also made considerable headway and, in investment terms, petroleum products are worthy of comment. Construction work on several new refineries commenced when construction was started on the Trans-Mountain oil pipeline in 1951. It is not expected that any of them will be in operation before 1954 or 1955.

Manufacturing establishments reporting in 1953 numbered 4,317. These plants furnished employment to 93,844 persons who received $300,921,318 in salaries and wages. They also shipped goods with a selling value at the factory of $1,366,823,690 and spent $724,495,754 for materials, while the value added by manufacture totalled $615,686,215. Compared with the previous year there was an increase of 1.3 p.c. in the number of persons employed, 6.1 p.c. in the salaries and wages paid, and 2.6 p.c. in the selling value of factory shipments. The expansion of manufactures in British Columbia in 1953 was not as great as for Canada as a whole which showed an increase of 3.0 p.c. in number of persons employed, 8.8 p.c. in salaries and wages paid and 4.7 p.c. in the selling value of factory shipments.

TABLE 14. Principal Statistics of the Leading Industries of British Columbia, 1953

No.	Industries	Establishments	Employees	Earnings	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments
		No.	No.	$	$	$	$
1	Sawmills	1,824	28,594	87,569,268	163,192,486	156,345,168	323,474,522
2	Pulp and paper	12	6,432	28,088,527	50,058,822	81,452,218	138,883,093
3	Fish processing	77	3,389	9,308,400	39,449,608	25,438,255	65,726,800
4	Veneers and plywoods	12	4,333	13,838,443	22,913,006	33,132,477	56,503,885
5	Slaughtering and meat packing	11	1,477	5,024,832	44,335,142	8,771,763	53,415,699
6	Sash, door and planing mills	204	3,066	9,125,328	31,240,764	15,819,252	47,658,772
7	Petroleum products	4	795	3,358,977	34,624,372	4,588,262	40,562,462
8	Miscellaneous food preparations	45	856	2,015,856	33,237,728	6,793,359	40,172,603
9	Fertilizers	6	1,271	5,000,012	11,028,239	23,955,694	35,156,537
10	Shipbuilding	28	3,405	13,394,083	10,249,400	21,913,882	32,548,906
11	Fruit and vegetable preparations	72	2,330	4,850,424	18,126,106	10,520,227	28,946,460
12	Butter and cheese	31	1,833	5,279,962	17,639,996	7,713,526	25,994,334
13	Bridge building and structural steel	5	1,519	6,084,070	8,698,221	15,100,579	23,986,933
14	Bread and other bakery products	263	2,626	7,349,250	10,847,370	12,114,535	23,623,489
15	Printing and publishing	91	2,811	10,327,631	5,653,094	17,268,777	23,112,254
16	Furniture	196	1,992	5,296,339	7,828,366	7,732,075	15,713,015
17	Feeds, stock and poultry, prepared	42	691	1,807,125	11,137,359	3,505,138	14,921,025
18	Breweries	11	659	2,379,516	3,243,948	11,011,427	14,506,072
19	Sheet metal products	27	834	2,959,557	9,088,938	5,059,847	14,279,966
20	Boxes and bags, paper	15	785	2,274,024	8,641,778	4,666,356	13,389,625
21	Machinery, industrial	37	1,388	5,232,993	3,013,220	9,019,789	12,185,005
	Totals, leading industries listed above[1]	**3,013**	**71,086**	**230,564,617**	**544,247,963**	**481,922,606**	**1,044,761,457**
	Totals, all industries	**4,317**	**93,844**	**300,921,318**	**724,495,754**	**615,686,215**	**1,366,823,690**

1. Other leading industries for which statistics cannot be shown since there are less than three establishments in each industry are: Non-ferrous metal smelting and refining, Sugar refining, and Distilled liquors.

SECTION 7. MANUFACTURING INDUSTRIES IN URBAN CENTRES

The prosperity of most of the cities and towns of Canada, especially in the east, is intimately connected with their manufacturing industries, which provide employment for a large proportion of their gainfully occupied population. In the west the cities are more largely distributing centres, though manufactures are rapidly increasing there also.

Table 15, indicating the extent to which the manufacturing industries of Canada are concentrated in urban centres, shows by provinces the proportion contributed by cities and towns having factory shipments of over $1,000,000 each. In the more highly industrialized provinces of Ontario and Quebec such cities and town in 1953 accounted for 89 p.c. and 92 p.c. respectively of the totals for those provinces, while for the Atlantic Provinces and British Columbia, where sawmilling, fish-packing, and dairying are leading industries, the proportions are 73 p.c. and 59 p.c. respectively. In the Prairie Provinces manufacturing is confined to a few urban centres.

TABLE 15. Cities and Towns Each with Selling Value of Factory Shipments of Over $1,000,000, Number of Establishments and Total Shipments in such Urban Centres as a Percentage of the Grand Total, by Provinces, 1953

Note. Statistics published in this table are in some cases higher than the figures published in Table 18, since, in the table below are included statistics of towns with less than three establishments and production of over $1,000,000. It was not possible to publish this information in Table 18 without disclosing the operations of individual establishments.

Province	Number of urban centres with selling value of factory shipments of over $1,000,000	Number of establishments reporting in urban centres with selling value of factory shipments of over $1,000,000	Selling value of factory shipments of urban centres having $1,000,000 or over	Selling value of factory shipments of each province	Selling value of factory shipments of urban centres as a percentage of shipments in each province
Newfoundland	5	128	67,668,600	106,524,603	63.4
Prince Edward Island	3	58	15,836,475	23,198,970	67.8
Nova Scotia	25	520	229,269,577	320,012,264	71.0
New Brunswick	18	361	232,692,613	295,750,419	78.9
Quebec	164	8,027	5,032,680,928	5,386,784,863	92.3
Ontario	184	9,596	7,863,324,104	8,876,504,990	88.9
Manitoba	12	1,084	503,341,751	584,872,459	86.0
Saskatchewan	8	379	213,444,772	266,613,086	79.0
Alberta	19	945	426,023,544	555,814,827	76.4
British Columbia	33	2,554	809,263,698	1,366,823,690	59.2
Yukon and Northwest Territories	–	–	–	2,516,683	–
Canada	**471**	**23,652**	**15,393,546,062**	**17,785,416,854**	**86.9**

TABLE 16. Principal Statistics of the Manufacturing Industries of the Six Leading Manufacturing Cities of Canada, 1939-53

City and Year	Establishments	Employees	Earnings	Cost at plant of materials used	Selling of factory shipments[1]
	No.	No.	$	$	$
Montreal:					
1939	2,501	105,315	114,602,118	254,188,246	483,246,583
1944	3,109	185,708	308,396,358	650,618,563	1,215,988,014
1946	3,785	173,507	291,381,617	602,667,823	1,147,945,303
1947	3,950	177,744	325,114,158	682,056,090	1,298,019,266
1948	3,887	180,098	368,191,470	841,048,938	1,550,246,090
1949	4,136	184,779	399,943,526	847,444,669	1,596,713,694
1950	4,127	184,982	419,217,987	914,907,200	1,696,677,033
1951	4,137	183,436	449,279,943	1,026,220,450	1,849,153,995
1952	4,283	187,396	496,270,442	1,041,585,029	1,960,826,915[2]
1953	4,398	193,129	544,284,191	1,067,911,378	2,042,662,785[2]

TABLE 16. Principal Statistics of the Manufacturing Industries of the Six Leading Manufacturing Cities of Canada, 1939-53 Concluded

City and Year	Establishments	Employees	Earnings	Cost at plant of materials used	Selling value of factory shipments[1]
	No.	No.	$	$	$
Toronto:					
1939	2,885	98,702	122,553,435	240,532,281	482,532,331
1944	3,344	154,538	260,776,613	513,429,109	1,020,345,353
1946	3,632	145,556	247,298,288	549,256,912	1,036,939,790
1947	3,705	151,137	289,363,797	648,648,084	1,231,936,820
1948	3,683	154,197	335,142,822	804,970,396	1,475,761,819
1949	4,005	158,562	368,510,524	837,148,440	1,579,186,450
1950	4,011	160,063	392,754,292	918,699,592	1,686,922,991
1951	3,796	151,333	415,206,705	991,268,163	1,763,192,114
1952	3,825	149,020	439,286,411	945,304,350	1,790,369,192[2]
1953	3,781	154,251	478,086,271	980,873,073	1,875,747,249[2]
Hamilton:					
1939	461	31,512	39,563,423	70,829,034	152,746,340
1944	480	53,500	94,982,915	171,117,467	363,033,672
1946	501	45,951	80,959,432	150,977,835	308,033,098
1947	512	50,567	101,424,109	205,430,175	411,817,530
1948	526	53,370	124,016,143	259,800,537	519,132,345
1949	546	54,665	137,641,333	285,180,403	563,982,920
1950	549	54,823	145,093,180	310,380,224	625,480,893
1951	560	58,841	174,296,725	391,412,980	755,546,928
1952	575	59,257	190,187,980	385,701,709	781,596,810[2]
1953	566	60,451	201,515,979	385,515,852	824,407,315[2]
Windsor:					
1939	222	17,729	25,938,890	63,907,106	122,474,320
1944	231	35,912	80,667,573	232,102,240	387,603,874
1946	256	30,889	60,315,436	138,788,813	244,925,148
1947	273	32,154	74,748,834	204,383,024	367,122,739
1948	271	32,729	85,354,165	231,706,777	413,749,890
1949	283	34,591	94,304,627	271,392,923	494,162,203
1950	280	34,901	105,778,494	311,563,422	564,870,512
1951	297	34,865	112,076,215	351,697,300	626,292,546
1952	330	36,628	130,027,457	377,637,512	646,949,316[2]
1953	338	37,514	140,481,193	402,209,586	682,273,319[2]
Winnipeg:					
1939	648	17,571	20,717,273	44,873,043	81,024,272
1944	686	25,870	38,824,299	119,917,745	198,169,626
1946	756	26,730	42,354,650	121,531,306	206,381,007
1947	779	27,651	47,728,392	130,721,062	228,028,346
1948	765	27,906	54,379,965	157,379,778	264,022,796
1949	860	28,687	58,604,162	143,827,270	255,006,806
1950	855	27,804	58,991,267	142,486,939	261,781,262
1951	849	27,704	65,741,785	167,583,852	292,496,767
1952	843	28,162	70,744,396	160,844,930	296,263,701[2]
1953	860	28,230	76,008,218	156,860,845	300,186,774[2]
Vancouver:					
1939	829	17,957	22,382,192	56,565,511	101,267,243
1944	933	43,473	79,141,407	142,416,371	289,390,718
1946	1,071	31,408	55,960,984	138,045,068	270,165,166
1947	1,127	33,119	65,363,332	174,822,180	313,964,785
1948	1,136	33,815	75,300,519	211,726,521	360,749,092
1949	1,225	33,536	78,793,345	204,642,985	358,620,526
1950	1,219	34,411	85,542,771	234,053,078	409,347,342
1951	1,255	34,376	96,222,111	270,748,863	461,594,390
1952	1,275	33,296	102,163,999	248,964,894	437,663,057[2]
1953	1,316	33,822	108,896,725	255,906,780	448,591,543[2]

1. Net value is derived from gross value by deducting cost of materials, fuel and electricity. For cost of fuel and electricity in 1953 see Table 18.
2. Since 1952 the basis of collection was "Selling Value of Factory Shipments" instead of "Gross Value of Products".

TABLE 17. Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, Grouped According to the Number of Employees per Establishment, 1953

	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
			Montreal Metropolitan Area			
Under 5 employees	1,298	3,186	6,646,594	297,537	17,863,980	33,271,066
5 to 14 employees	1,458	12,387	29,095,288	1,051,387	65,107,483	125,429,660
15 " 49 "	1,311	36,005	85,468,032	2,953,605	178,016,549	342,418,421
50 " 99 "	414	28,291	68,608,385	2,485,224	152,847,745	290,172,027
100 " 199 "	206	28,364	71,643,058	2,824,980	176,976,955	324,790,068
200 " 499 "	130	39,428	114,309,989	9,375,019	267,837,100	508,746,786
500 " 999 "	45	30,137	97,827,544	15,531,993	396,766,692	646,301,893
1,000 " 1,499 "	13	14,975	50,693,380	3,205,916	147,484,876	262,053,352
1,500 and over	14	52,321	185,449,251	4,990,397	247,842,204	451,095,563
Not classifiable	114	—	340	130	2,336,628	100,803,304
Head Offices [1]	—	6,131	27,693,290	—	—	—
Totals	**5,003**	**251,225**	**737,435,151**	**42,716,188**	**1,653,080,212**	**3,085,082,140**
			Toronto Metropolitan Area			
Under 5 employees	1,224	2,949	6,243,934	335,301	10,681,155	22,710,877
5 to 14 employees	1,358	11,867	30,526,481	1,187,347	51,839,859	106,867,160
15 " 49 "	1,140	30,986	86,125,684	3,275,308	173,082,272	337,839,277
50 " 99 "	356	24,844	71,011,582	3,382,740	162,650,715	308,250,429
100 " 199 "	196	27,790	83,892,224	4,485,879	195,726,823	370,180,673
200 " 499 "	118	36,783	116,860,642	5,120,274	240,309,380	493,622,449
500 " 999 "	35	24,623	83,164,679	4,065,384	118,816,810	284,751,106
1,000 " 1,499 "	9	10,595	39,576,778	2,104,788	95,095,593	168,726,842
1,500 and over	14	30,696	109,053,604	3,707,371	249,910,563	458,863,334
Not classifiable	120	—	1,625	49,037	1,207,859	2,076,718
Head Offices [1]	—	4,424	21,869,815	—	—	—
Totals	**4,570**	**205,557**	**648,327,048**	**27,713,429**	**1,299,321,029**	**2,553,888,865**
			Hamilton Metropolitan Area			
Under 5 employees	186	454	901,756	68,726	1,511,517	3,113,741
5 to 14 employees	180	1,539	4,054,189	371,521	6,015,364	13,529,926
15 " 49 "	122	3,278	9,843,616	619,341	20,205,773	39,882,884
50 " 99 "	60	4,127	12,048,145	740,714	26,408,079	52,150,246
100 " 199 "	42	6,133	17,567,584	1,109,041	53,894,958	92,027,646
200 " 499 "	43	13,936	44,111,444	3,512,564	97,732,257	196,247,481
500 " 999 "	5	4,034	12,806,097	1,147,748	25,748,529	45,717,904
1,000 " 1,499 "	2					
1,500 and over	6	29,768	108,402,306	15,450,278	90,918,854	400,560,615
Not classifiable	17	—	931	719	78,922,699	12,386,119
Head Offices [1]	—	274	837,376	—	—	—
Totals	**663**	**63,543**	**210,573,444**	**23,020,652**	**401,358,030**	**855,616,562**
			Windsor Metropolitan Area			
Under 5 employees	120	261	535,405	39,611	854,691	2,131,990
5 to 14 employees	97	847	2,271,132	145,428	3,674,677	7,922,048
15 " 49 "	65	1,767	5,345,143	362,088	8,039,201	19,753,189
50 " 99 "	29	1,997	6,770,643	371,935	14,046,632	26,475,081
100 " 199 "	21	2,965	10,304,895	812,775	17,969,957	41,528,527
200 " 499 "	22	6,639	22,898,044	1,941,590	45,042,490	96,358,478
500 " 999 "	7					
1,000 " 1,499 "	1	23,805	94,407,978	4,061,403	318,766,440	499,029,922
1,500 and over	2					
Not classifiable	5	—	1,040	300	11,972	15,790
Head Offices [1]	—	40	176,269	—	—	—
Totals	**369**	**38,321**	**142,710,549**	**7,735,130**	**408,406,060**	**693,215,025**
			Winnipeg Metropolitan Area			
Under 5 employees	324	784	1,470,020	96,747	2,745,044	5,532,154
5 to 14 employees	267	2,297	5,412,103	347,445	16,348,840	26,422,898
14 " 49 "	203	5,532	13,478,325	664,058	36,764,459	63,787,838
50 " 99 "	100	6,739	17,859,970	1,081,166	52,856,217	91,163,484
100 " 199 "	71	14,131	40,485,813	2,853,747	137,347,653	228,977,118
200 " 499 "	1					
1,000 " 1,499 "	2	8,794	27,556,941	777,926	55,515,873	89,101,092
1,500 and over	3					
Not classifiable	47	—	—	—	328,999	453,421
Head Offices [1]	—	172	747,936	—	—	—
Totals	**1,018**	**38,449**	**107,011,108**	**5,821,089**	**301,907,085**	**505,438,005**
			Vancouver Metropolitan Area			
Under 5 employees	576	1,405	2,749,832	174,522	4,764,842	9,982,342
5 to 14 employees	516	4,238	11,437,423	636,885	21,242,583	41,021,273
15 " 49 "	327	8,655	26,968,031	1,396,565	59,568,122	107,436,902
50 " 99 "	113	7,597	23,993,529	1,627,722	65,673,569	117,643,338
100 " 199 "	54	7,634	25,176,226	1,583,559	74,159,484	130,393,029
200 " 499 "	28	8,299	28,204,774	2,440,865	101,020,382	157,006,360
500 " 999 "	11	10,492	37,080,205	1,084,908	57,770,096	140,764,945
1,000 " 1,499 "	2					
Not classifiable	54	—	390	540	169,610	290,204
Head Offices [1]	—	1,212	6,017,844	—	—	—
Totals	**1,681**	**49,532**	**161,628,254**	**8,945,566**	**384,368,688**	**704,538,393**

1. Under this heading are included only those head offices that are not located at the plant.

TABLE 18. Statistics of Manufactures of Municipality, each with Selling Value of Factory Shipments of $1,000,000 or Over, and with Three or More Establishments, 1953

Note. Statistics for cities and towns with three or more establishments cannot be published when one establishment has 75 p.c. or two establishments 90 p.c. of the total Value of Shipments.

Municipality	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
Newfoundland:						
Harbour Grace	6	170	224,051	28,482	501,367	1,084,850
St. John's	105	2,639	5,888,327	479,753	11,246,824	24,389,280
Prince Edward Island:						
Charlottetown	32	654	1,568,373	161,103	7,419,640	10,649,994
Souris	6	166	273,214	43,037	916,376	1,320,260
Summerside	20	294	506,636	47,230	2,959,107	3,866,221
Nova Scotia:						
Amherst	24	1,026	2,300,941	355,831	5,238,256	8,956,379
Berwick	9	156	338,655	60,691	1,630,032	2,483,221
Bridgetown	9	154	280,640	26,067	555,658	1,223,124
Bridgewater	17	200	388,558	27,448	961,945	1,774,278
Clark's Harbour	9	83	100,910	6,643	883,727	1,167,738
Dartmouth	15	222	510,168	54,895	902,371	2,112,855
Digby	12	161	256,997	17,679	1,020,686	1,479,372
Glace Bay	18	227	341,679	54,795	830,463	1,418,603
Halifax	142	6,343	16,149,616	923,880	28,631,138	60,508,551
Hantsport	5	375	901,934	146,255	2,030,156	3,756,733
Liverpool	7	301	712,136	41,345	934,651	1,963,743
Lockeport	3	245	352,310	34,663	782,930	1,613,864
Louisburg	6	280	498,025	45,790	1,077,397	1,785,094
Lunenburg	15	747	1,722,699	106,672	3,322,929	5,725,629
Middleton	8	157	239,008	40,844	973,757	1,537,931
New Glasgow	32	1,047	2,480,687	342,915	3,996,681	8,669,267
North Sydney	14	288	593,061	42,128	1,225,439	2,415,832
Pictou	10	637	1,591,225	58,896	1,913,348	4,305,626
Shelburne	17	174	340,895	20,331	798,496	1,341,430
Stellarton	11	101	192,282	22,461	650,967	1,061,472
Sydney	42	6,027	19,179,464	4,703,665	33,840,482	62,660,190
Trenton	7	1,933	5,474,514	622,414	17,660,995	28,656,636
Truro	50	1,221	2,226,512	217,085	6,577,795	10,616,668
Windsor	13	309	550,738	50,680	2,111,417	2,711,991
Yarmouth	25	700	1,424,028	134,440	3,741,422	6,323,350
New Brunswick:						
Campbellton	13	182	394,093	45,814	692,397	1,460,859
Fredericton	43	937	1,853,557	132,220	3,613,416	6,802,404
Grand Falls	16	172	309,995	36,696	546,568	1,016,822
Lancaster	9	713	2,096,388	543,213	5,336,997	12,041,170
Moncton	47	3,355	9,905,427	578,236	21,543,185	36,918,064
St. Andrews	6	79	159,732	25,984	1,344,914	1,780,411
Saint John	114	4,714	11,422,986	1,306,043	43,355,518	71,692,506
St. Stephen	16	539	1,008,440	72,342	2,542,968	4,595,277
Shippegan	9	221	224,717	13,657	687,888	1,043,745
Sussex	15	313	630,987	60,844	2,382,159	3,876,037
Woodstock	15	124	240,236	41,449	915,058	1,373,730
Quebec:						
Acton Vale	14	926	1,876,492	56,539	3,072,544	5,850,701
Amos	15	130	250,600	32,148	712,815	1,192,685
Amqui	17	165	354,869	25,569	875,011	1,742,802
Beauceville E.	10	149	278,875	8,699	454,678	1,013,354
Beauharnois	16	1,640	5,484,452	3,770,993	11,640,928	27,300,411
Beauport	15	225	465,003	42,262	826,207	1,712,895
Bedford	10	576	1,228,264	34,927	1,128,117	3,189,607
Beebe Plain	8	262	378,252	7,235	897,012	1,534,082
Berthierville	16	684	1,499,422	149,658	3,222,756	6,295,229
Cabano	11	197	507,914	16,074	1,000,817	1,959,580
Cap-de-la-Madeleine	37	2,407	6,283,138	1,457,912	21,999,220	45,358,368
Chambly-Bassin	8	110	191,894	12,487	646,084	1,074,344
Chicoutimi	39	580	1,182,427	97,219	2,559,505	4,723,772
Coaticook	23	1,073	2,306,767	120,112	5,146,763	8,692,124
Contrecoeur	11	304	516,182	13,629	745,203	1,450,635
Danville	11	148	264,766	51,619	694,466	1,204,186
Delson	4	518	1,678,920	724,880	3,057,966	7,784,510
Disraeli	10	223	280,084	16,957	692,976	1,241,303
Drummondville	49	6,772	17,985,979	1,481,358	26,474,346	62,269,231
Farnham	21	1,149	2,645,420	179,515	5,102,403	10,343,214
Forestville	4	49	148,171	11,286	295,574	1,170,354
Fort Chambly	6	410	1,107,437	66,098	1,590,705	3,230,114
Giffard	11	168	347,561	32,512	1,027,193	1,643,716
Granby	90	5,492	13,592,861	791,364	28,646,141	55,511,311
Grand'Mère	30	2,359	6,230,116	1,522,536	14,063,203	30,031,548
Henryville	7	98	168,244	47,068	1,251,041	1,635,382
Hull	60	4,067	12,166,610	2,104,206	26,827,601	51,957,705
Huntingdon	14	584	1,644,671	156,659	6,409,006	9,330,835
Iberville	35	451	1,022,869	59,863	1,473,027	3,422,949
Joliette	60	2,177	4,858,746	530,428	8,226,045	17,641,973
Lachine	71	9,335	32,902,127	1,188,341	39,104,650	106,709,804
Lachute	15	249	656,254	142,472	1,501,161	2,728,130
La Pérade	14	265	475,356	101,206	2,193,185	3,055,623
Laprairie	18	398	951,381	187,007	978,445	3,138,209
Lasalle	40	4,353	13,669,654	2,813,926	51,420,999	99,719,459
L'Assomption	16	651	1,663,250	103,046	2,634,196	5,148,342

TABLE 18. Statistics of Manufactures of Municipality, each with Selling Value of Factory Shipments of $1,000,000 or Over, and with Three or More Establishments, 1953 — Continued

Municipality	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
Quebec — Concluded:						
Lennoxville	12	304	922,007	147,520	1,847,026	3,720,305
L'Epiphanie	16	272	613,054	46,821	1,242,458	2,271,459
Lévis	38	498	1,042,670	76,636	2,480,560	4,628,562
Longueuil	33	3,500	10,377,769	455,864	12,964,753	31,337,553
Loretteville	25	619	978,796	29,831	1,790,801	3,491,655
Maniwaki	13	118	239,806	10,420	777,096	1,273,640
Marieville	20	602	1,201,565	75,467	3,390,693	5,564,068
Maskinongé	8	90	130,622	15,884	711,110	1,087,671
Matane	23	358	795,395	49,417	1,662,533	3,395,608
Mégantic	23	551	1,084,798	93,556	1,905,810	3,823,653
Mont-Laurier	16	271	569,287	27,264	1,157,562	2,200,539
Montmagny	40	1,452	3,105,569	186,180	5,617,569	11,476,247
Montréal	4,398	193,129	544,284,191	18,428,249	1,067,911,378	2,042,662,785
Montréal East	32	5,978	22,241,766	14,609,000	315,804,741	425,407,273
Mont-Royal	25	3,135	10,463,005	291,794	17,875,054	37,126,370
Napierville	11	116	186,471	18,734	813,240	1,108,703
Nicolet	16	366	686,059	59,192	1,492,664	2,691,838
Notre-Dame-de-Portneuf	14	521	1,175,273	297,058	3,255,477	5,297,167
Outremont	50	2,233	5,955,607	148,999	10,702,953	22,544,451
Plessisville	25	890	2,071,331	89,004	3,105,293	6,245,407
Pointe-aux-Trembles	10	252	532,164	30,061	1,054,346	2,216,084
Pont-Viau	9	204	401,494	26,469	603,461	1,237,574
Princeville	16	456	933,923	91,519	5,103,939	8,302,921
Québec	437	16,846	40,543,039	5,077,793	92,517,183	177,238,532
Rawdon	12	90	174,003	19,200	655,448	1,028,484
Richmond	15	569	1,269,025	40,778	1,733,825	4,454,860
Rimouski	32	392	1,008,750	40,464	1,781,345	3,773,067
Rivière-du-Loup	24	223	404,786	38,709	947,542	1,637,402
Rock Island	14	722	1,915,287	66,392	1,500,635	5,462,096
Rouyn	21	188	440,474	51,601	1,077,832	2,139,702
Senneterre	10	132	288,570	23,175	570,075	1,111,838
Shawinigan Falls	49	5,870	19,311,663	9,448,061	48,668,868	114,595,806
Shawville	10	90	181,105	29,718	1,027,140	1,415,269
Sherbrooke	110	8,065	19,399,620	1,283,884	36,882,134	77,889,867
Sorel	34	2,093	5,825,163	2,713,646	6,196,137	14,340,002
Sutton	9	151	243,102	38,867	972,015	1,374,319
Ste-Agathe-des-Monts	17	123	276,880	29,043	538,621	1,000,776
St-Anselme	10	86	186,781	18,682	1,288,192	1,646,117
St-Casimir	17	126	208,059	20,133	624,992	1,000,172
St-Césaire	26	332	514,728	45,990	1,704,136	2,559,498
St-Eustache	13	110	200,868	22,943	906,645	1,403,931
St-Félicien	20	220	474,074	29,493	1,884,745	2,961,941
St-Gabriel-de-Brandon	26	542	867,664	25,903	1,098,536	2,203,774
St-Georges (Beauce Co.)	14	349	702,240	60,451	1,070,214	2,245,525
St-Hyacinthe	81	4,555	9,605,404	531,143	23,841,928	41,774,175
St-Jacques	10	176	250,546	13,625	960,744	1,279,322
St-Jean (St-Johns)	71	5,290	14,997,694	1,009,628	22,850,238	46,940,540
St-Jerome (Terrebonne Co.)	58	3,584	8,210,703	529,369	13,051,241	27,630,127
St-Joseph (Beauce Co.)	14	228	377,900	24,964	619,299	1,311,603
St-Lambert	16	658	1,745,103	73,171	3,300,567	6,552,055
St-Laurent	54	16,697	59,119,047	1,470,248	76,323,353	185,072,874
St-Leonard-d'Aston	8	165	270,334	22,460	914,239	1,397,137
Ste-Marie (Beauce Co.)	20	862	1,804,605	140,930	4,255,036	8,779,005
St-Michel (de Laval)	48	612	1,464,206	86,272	2,379,323	5,132,072
St-Pie	14	198	356,537	41,255	1,399,070	2,092,609
St-Raymond	16	228	259,619	15,960	659,024	1,200,397
St-Rémi	12	294	565,990	49,979	2,782,835	4,353,067
Ste-Rose	10	240	484,980	28,348	1,135,169	2,132,701
Ste-Thècle	10	124	239,931	11,666	620,779	1,079,272
Ste-Thérèse (de Blainville)	36	1,059	2,100,728	92,844	3,613,128	7,343,219
St-Tite	23	380	567,766	21,190	1,396,803	2,564,184
Terrebonne	20	756	1,758,638	69,556	2,664,127	5,539,210
Thetford Mines	38	517	1,089,125	93,773	1,161,740	3,129,077
Thurso	10	376	940,223	19,825	1,940,345	3,063,054
Trois-Pistoles	18	187	377,657	28,326	2,130,346	2,908,789
Trois-Rivières	97	7,364	22,156,904	6,614,100	47,395,024	110,819,751
Val-d'Or	22	236	494,253	51,548	1,119,130	2,172,427
Valleyfield	41	3,727	9,151,939	701,529	16,581,433	30,797,372
Verchères	17	128	278,838	63,090	1,583,333	2,335,513
Verdun	74	1,783	3,861,285	112,921	8,219,383	15,721,739
Victoriaville	56	3,054	6,470,493	181,205	11,117,417	21,546,727
Warwick	15	415	871,666	79,066	2,363,518	4,113,475
Waterloo	20	776	1,810,933	88,471	3,099,230	6,107,996
Westmount	30	1,993	5,884,634	370,916	6,418,890	18,122,871
Ontario:						
Acton	20	1,023	2,648,744	294,897	6,368,405	10,822,122
Alexandria	11	216	326,713	23,694	722,650	1,258,713
Almonte	12	248	589,910	118,270	3,160,373	4,259,570
Amherstburg	14	1,067	3,577,852	1,863,898	5,015,796	18,023,571
Arnprior	14	669	1,795,626	112,539	2,586,983	5,924,084
Aurora	15	681	1,734,995	80,460	4,525,524	7,426,923
Ayr	8	98	191,575	18,258	1,268,238	2,051,367
Barrie	31	1,007	2,758,271	177,536	8,927,720	15,687,559
Barry's Bay	14	135	331,248	9,327	469,727	1,101,313
Beamsville	12	203	402,739	34,455	665,052	1,422,021
Belleville	64	2,441	10,359,988	2,220,530	17,267,674	45,610,306

TABLE 18. Statistics of Manufactures of Municipality, each with Selling Value of Factory Shipments of $1,000,000 or Over, and with Three or More Establishments, 1953 — Continued

Municipality	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
Ontario—Continued:						
Bloomfield	8	142	240,528	24,424	1,041,808	1,607,460
Blyth	5	42	97,399	19,161	1,019,626	1,333,210
Bowmanville	16	896	2,819,641	186,463	4,312,543	11,497,096
Brampton	34	1,259	3,463,409	222,986	5,762,528	12,125,029
Brantford	162	11,496	37,455,534	1,784,334	59,230,887	132,655,623
Brighton	13	250	537,849	27,865	1,858,274	3,061,862
Brockville	40	1,314	3,363,757	243,807	6,890,602	13,957,099
Burlington	25	866	2,501,492	128,512	6,377,082	11,117,131
Caledonia	11	483	1,072,578	407,883	3,412,067	6,386,477
Campbellford	19	342	815,820	72,150	2,576,662	3,594,778
Carleton Place	12	612	1,502,201	79,498	2,093,961	4,181,279
Casselman	8	94	174,502	29,416	844,240	1,103,897
Chatham	82	4,107	13,561,834	946,337	68,936,650	102,487,820
Chesley	14	337	699,581	31,249	1,263,287	2,294,080
Clinton	10	176	353,268	21,432	625,580	1,174,179
Cobourg	30	957	2,702,979	211,838	4,467,698	10,357,543
Collingwood	19	1,103	3,086,841	122,162	3,367,752	7,710,388
Cornwall	55	6,923	18,943,525	3,787,676	29,048,947	71,004,675
Desoronto	7	274	492,701	32,813	744,281	1,462,130
Dresden	10	137	275,072	64,283	934,016	1,905,696
Dundas	36	1,516	4,836,551	262,593	5,273,290	12,914,694
Dunnville	21	1,188	2,728,652	141,718	5,527,326	9,297,896
Durham	10	226	482,456	44,924	760,050	1,336,440
Eastview	27	418	1,217,231	85,819	4,976,101	7,227,628
Eganville	11	134	299,532	42,682	897,142	1,541,125
Elmira	22	600	1,675,816	180,447	4,242,441	7,381,583
Elora	6	338	795,339	34,603	944,104	2,071,743
Essex	15	315	722,019	77,658	1,790,629	3,262,132
Forest	11	188	345,776	38,056	878,707	1,595,474
Fort Erie	27	1,908	6,313,542	97,695	6,312,909	18,710,695
Fort William	60	4,333	14,909,533	2,577,708	26,850,555	67,742,167
Galt	96	6,854	19,634,682	875,720	30,487,564	65,770,345
Gananoque	19	925	2,660,680	242,280	4,849,424	9,652,894
Georgetown	17	1,164	3,504,477	204,006	6,701,837	12,190,331
Glencoe	7	114	263,376	9,632	432,543	1,099,293
Goderich	20	722	1,939,984	234,510	3,516,374	7,477,484
Gravenhurst	8	254	627,264	24,276	1,014,043	2,334,709
Grimsby	13	442	914,603	65,549	1,765,972	3,872,572
Guelph	116	6,222	17,767,387	1,044,679	32,422,335	63,605,582
Hamilton	566	60,451	201,515,979	22,408,131	385,515,852	824,407,315
Hanover	22	962	2,604,835	84,290	4,127,776	8,224,588
Harriston	15	218	449,794	55,566	1,730,928	2,615,386
Harrow	9	90	184,922	25,984	799,284	1,226,866
Havelock	8	66	150,660	38,710	548,209	1,294,346
Hearst	8	204	535,473	18,048	1,107,533	2,061,403
Hespeler	18	1,719	4,682,430	460,371	5,543,777	14,112,882
Huntsville	18	434	1,035,338	69,320	2,860,548	4,329,255
Ingersoll	23	1,297	3,602,358	243,114	9,408,797	15,613,652
Kemptville	9	89	209,875	68,567	867,812	1,578,739
Kincardine	12	411	801,484	50,094	1,397,070	2,469,058
Kingston	71	3,650	10,572,925	731,070	25,163,410	50,106,402
Kitchener	204	15,621	45,095,502	1,996,777	95,039,067	193,982,647
Leamington	18	1,119	3,312,904	347,079	12,714,396	27,033,037
Leaside	59	11,136	36,905,616	1,575,974	66,627,094	144,685,122
Lindsay	38	1,770	4,261,536	362,171	6,268,223	15,371,050
Listowel	11	345	745,201	65,793	1,505,804	2,812,272
London	297	16,858	49,681,073	2,443,525	89,926,714	199,098,535
Long Branch	29	2,242	6,717,025	262,536	11,294,753	23,551,809
Lucknow	7	53	107,759	14,647	1,059,302	1,403,422
Mattawa	4	171	386,695	20,388	503,860	1,058,192
Meaford	18	494	1,138,485	85,033	2,117,529	4,040,612
Merritton	15	2,088	7,821,923	1,082,579	13,940,913	27,572,876
Midland	22	1,235	3,429,266	105,773	9,359,835	14,391,140
Mildmay	11	119	232,041	13,107	751,134	1,141,975
Milton	14	716	1,888,031	389,389	2,130,072	7,552,882
Milverton	11	225	510,401	23,943	903,624	1,641,322
Mimico	33	653	2,025,896	170,007	3,060,968	7,298,334
Mitchell	13	125	231,258	60,500	1,548,188	2,207,852
Mount Forest	13	206	356,189	33,258	837,503	1,445,941
Napanee	15	390	1,045,918	99,712	2,387,001	4,323,927
Newcastle	4	247	585,630	9,723	449,514	1,209,726
New Hamburg	14	407	880,017	38,979	1,270,560	2,924,107
New Liskeard	14	617	1,268,936	55,695	2,605,242	4,771,423
Newmarket	23	996	2,695,175	152,207	4,868,473	10,870,839
New Toronto	52	7,274	26,173,029	2,016,523	83,340,725	156,528,551
Niagara Falls	85	7,021	23,603,219	7,041,632	43,487,470	111,167,258
North Bay	33	603	1,662,949	130,548	2,383,763	5,461,170
Norwick	9	93	163,782	26,195	761,133	1,254,581
Orangeville	13	135	278,963	30,416	864,333	1,329,039
Orillia	60	2,183	5,869,675	352,704	6,225,278	16,166,078
Ottawa	288	10,466	29,663,123	1,917,322	45,683,141	103,001,769
Owen Sound	50	2,640	7,233,429	304,203	8,100,261	20,294,538
Paris	24	1,369	3,597,816	144,002	6,377,745	10,825,324
Pembroke	35	1,530	3,768,360	166,898	6,861,634	13,031,830
Penetanguishene	11	537	1,118,682	61,848	1,613,663	3,434,528
Perth	28	924	2,090,599	108,462	5,079,739	9,846,176
Peterborough	103	10,062	32,621,860	1,439,994	61,640,361	119,421,390
Petrolia	13	172	434,231	62,569	1,347,682	2,088,291
Picton	16	189	313,344	31,645	921,180	1,433,804

TABLE 18. Statistics of Manufactures of Municipality, each with Selling Value of Factory Shipments of $1,000,000 or Over, and with Three or More Establishments, 1953 — Continued

Municipality	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
Ontario — Concluded:						
Port Arthur	59	3,016	10,068,138	1,812,355	21,615,074	46,967,678
Port Credit	18	1,279	3,858,626	513,155	22,576,163	36,081,430
Port Dalhousie	3	232	650,133	12,703	614,380	1,591,051
Port Dover	8	109	176,193	14,987	762,077	1,095,350
Port Elgin	8	186	347,103	19,711	629,378	1,133,955
Port Hope	27	1,060	3,592,314	254,397	4,305,421	12,131,423
Prescott	20	945	1,940,635	61,317	4,392,853	7,483,526
Preston	36	2,863	7,743,653	284,167	9,113,004	22,137,358
Renfrew	31	1,541	3,772,813	265,995	6,336,503	12,300,457
Ridgetown	12	170	430,551	22,208	1,009,940	1,718,876
Riverside	8	137	399,403	35,728	866,668	1,507,145
St. Catharines	112	12,545	41,343,163	2,195,027	65,771,626	142,193,177
St. Mary's	13	555	1,682,657	1,261,994	4,580,548	11,656,932
St. Thomas	50	2,385	6,662,360	378,879	9,801,244	23,806,239
Sarnia	51	8,220	30,791,081	13,936,684	124,294,962	213,783,060
Sault Ste. Marie	60	9,006	33,375,207	7,224,780	65,835,950	127,560,529
Seaforth	11	272	555,561	32,020	829,843	1,881,421
Simcoe	31	1,309	3,592,363	226,199	22,878,268	31,836,268
Sioux Lookout	8	157	347,231	27,262	1,472,515	2,074,205
Smith's Falls	23	889	2,501,170	133,323	3,807,751	7,940,569
Southampton	5	341	861,688	30,730	1,486,346	2,743,673
Stirling	9	81	180,430	8,854	672,208	1,014,365
Stratford	70	3,622	9,866,086	433,356	16,136,857	30,364,579
Strathroy	20	395	788,755	46,475	1,926,537	3,283,000
Streetsville	13	421	1,246,601	163,366	4,812,071	7,509,723
Sudbury	56	1,123	3,221,655	320,214	8,056,968	15,141,606
Swansea	13	740	2,462,690	271,086	4,879,410	10,385,227
Tavistock (Oxford Co.)	7	156	323,309	28,082	1,961,574	2,466,136
Thorold	24	2,733	11,013,040	3,324,332	22,954,692	45,579,113
Tilbury (Essex Co.)	6	164	368,473	57,850	770,419	1,273,399
Tilbury (Kent Co.)	8	828	2,596,002	149,567	2,949,298	4,729,320
Tillsonburg	29	981	2,185,075	249,147	10,131,649	13,757,944
Timmins	27	643	1,493,654	113,076	2,970,644	5,844,702
Toronto	3,781	154,251	478,086,271	18,968,416	980,873,073	1,875,747,249
Trenton	31	1,395	3,721,900	502,440	8,912,731	17,257,283
Tweed	12	197	400,790	21,452	929,488	1,716,156
Uxbridge	13	142	325,646	26,671	742,726	1,688,573
Walkerton	14	446	1,046,104	35,610	1,217,953	2,784,492
Wallaceburg	28	2,401	7,412,060	1,101,487	8,293,129	20,818,385
Waterford	6	174	302,115	15,558	924,105	1,389,940
Waterloo	58	2,759	8,198,291	435,233	13,208,360	38,317,611
Welland	63	8,118	30,235,471	5,172,240	51,494,839	113,854,730
Wellington	8	130	250,117	55,486	1,232,250	1,602,589
West Lorne	7	237	514,491	28,585	1,199,567	2,208,039
Weston	64	3,472	10,805,328	668,523	19,874,581	42,860,494
Whitby	12	295	546,103	39,089	925,996	2,039,774
Winchester	7	70	144,747	21,265	1,341,655	1,942,242
Windsor	338	37,514	140,481,193	7,559,592	402,209,586	682,273,319
Wingham	16	358	773,257	57,368	1,905,549	3,091,518
Woodstock	57	4,273	12,153,112	505,157	29,502,679	52,765,577
Manitoba:						
Brandon	39	815	2,367,799	257,863	9,559,669	14,130,407
Dauphin	17	113	234,325	32,694	842,396	1,327,198
Morden	10	132	312,229	50,076	521,985	1,324,725
Neepawa	7	110	284,984	84,909	675,069	1,225,353
Portage-la-Prairie	16	254	472,856	30,008	1,072,643	1,920,926
St. Boniface	91	4,511	13,963,131	1,128,044	103,964,841	134,377,531
Selkirk	11	973	3,165,949	617,557	3,337,156	10,095,480
Transcona	7	2,647	8,582,430	316,689	14,793,392	25,766,894
Winnipeg	860	28,230	76,008,218	3,266,587	156,860,845	300,186,774
Saskatchewan:						
Melville	9	55	107,002	24,968	996,706	1,295,691
Moose Jaw	46	1,178	3,610,680	1,052,550	31,010,417	43,609,897
North Battleford	13	168	386,454	49,223	1,017,748	1,849,828
Prince Albert	33	991	2,809,194	201,006	12,724,703	20,102,395
Regina	132	3,162	9,945,708	1,604,048	45,258,052	71,866,016
Saskatoon	115	3,001	8,755,636	855,035	46,025,421	68,991,938
Swift Current	14	200	570,005	72,786	1,863,690	3,109,168
Yorkton	17	155	406,092	67,047	1,485,483	2,619,839
Alberta:						
Athabaska	26	132	209,183	23,876	821,538	1,281,690
Barrhead	16	113	233,495	18,202	1,413,142	1,798,851
Blairmore	9	146	353,049	19,464	546,652	1,182,590
Calgary	313	9,099	27,821,220	1,678,547	96,964,685	152,310,936
Camrose	12	83	208,141	13,450	759,113	1,133,863
Edmonton	334	11,437	34,278,714	2,377,855	122,361,359	188,602,471
Edson	27	159	279,855	21,351	580,120	1,144,340
Grande-Prairie	26	343	762,321	48,296	1,639,214	3,105,247
Lethbridge	51	1,125	3,037,710	201,263	7,393,172	14,987,354
Lloydminster	9	248	727,113	229,776	5,400,076	9,383,103
Medicine Hat	38	1,130	2,619,776	155,290	16,346,328	20,959,202
Red Deer	17	190	485,540	43,153	2,258,699	3,659,825
Rocky Mountain House	33	218	403,707	39,535	1,998,816	2,909,641
Wetaskiwin	10	74	180,167	13,928	1,030,038	1,321,315

TABLE 18. Statistics of Manufactures of Municipality, each with Selling Value of Factory Shipments of $1,000,000 or Over, and with Three or More Establishments, 1953 — Concluded

Municipality	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
British Columbia:						
Burns Lake	25	251	547,539	45,415	1,681,754	2,843,568
Chilliwack	22	267	608,988	64,905	1,674,102	2,940,356
Cranbrook	31	403	1,165,916	117,826	1,912,213	3,970,569
Dawson Creek	31	267	607,902	55,257	2,015,362	3,098,208
Duncan	21	194	515,814	43,881	975,004	1,743,338
Fernie	9	165	406,383	46,292	809,452	1,857,094
Kamloops	38	465	1,244,563	85,496	2,418,885	4,659,165
Kelowna	39	667	1,761,383	86,757	3,720,475	7,202,050
Merritt	7	182	547,624	25,520	993,007	2,173,320
Mission City	21	447	1,068,844	76,360	3,410,482	5,342,937
Nanaimo	24	376	1,199,556	91,007	2,070,763	4,311,169
Nelson	28	598	1,512,864	116,197	3,661,428	6,862,188
New Westminster	125	6,382	20,429,568	1,283,140	58,526,637	111,470,580
North Vancouver	58	2,205	8,430,582	365,325	11,116,092	28,955,571
Oliver	10	188	466,589	31,649	900,156	1,812,681
Penticton	27	418	982,639	54,298	1,767,720	3,552,866
Port Alberni	19	2,567	8,687,076	276,768	16,695,764	35,732,898
Port Moody	6	561	1,864,037	14,775	3,340,763	6,651,394
Prince George	139	1,384	4,207,499	360,918	11,435,010	18,832,234
Prince Rupert	23	407	1,208,968	96,798	2,217,491	3,706,180
Quesnel	111	983	2,587,353	231,852	5,108,714	10,452,579
Revelstoke	21	151	361,586	43,552	668,449	1,415,094
Salmon Arm	10	107	221,538	18,939	868,141	1,430,264
Smithers	25	146	289,151	26,299	1,043,888	1,693,195
Trail	18	175	458,994	31,445	444,349	1,128,856
Vancouver	1,316	33,822	108,896,725	5,448,266	255,906,780	448,591,543
Vanderhoof	27	145	304,023	31,898	761,487	1,770,470
Vernon	45	396	1,055,307	74,349	2,001,859	3,828,173
Victoria	219	4,902	15,429,738	781,918	26,505,004	56,676,783
Williams Lake	35	202	443,759	31,675	1,483,630	2,519,182

TABLE 19. Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1953

County and Census Division	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
Newfoundland:						
Division No. 1	204	3,561	7,334,608	635,842	14,039,328	29,674,564
Division No. 2	22	764	1,016,000	151,420	1,644,103	2,956,934
Division No. 3	35	716	878,062	141,457	1,303,431	2,536,556
Division No. 4	45	67	57,255	8,493	126,884	233,150
Division No. 5	55	2,721	10,347,757	1,677,870	16,605,842	40,875,049
Division No. 6	63	1,544	5,989,249	1,042,981	9,359,141	26,345,937
Division No. 7	223	514	447,882	60,029	903,304	1,804,738
Division No. 8	145	341	246,551	22,052	457,257	953,574
Division No. 9	142	339	283,544	27,151	519,011	1,126,871
Division No. 10	5	8	4,000	590	13,720	17,230
Totals	**939**	**10,575**	**26,604,908**	**3,767,885**	**44,972,021**	**106,524,603**
Prince Edward Island:						
Kings	51	403	517,680	75,348	2,089,942	2,970,530
Prince	82	569	803,505	83,330	5,755,320	7,380,555
Queens	83	837	1,774,660	197,733	9,118,536	12,847,885
Totals	**216**	**1,809**	**3,095,845**	**356,411**	**16,963,798**	**23,198,970**
Nova Scotia:						
Annapolis	41	412	676,207	78,835	2,132,848	3,645,642
Antigonish	28	172	276,944	37,332	768,639	1,319,108
Cape Breton	136	7,044	20,975,590	4,874,768	37,494,597	69,447,804
Colchester	132	2,017	3,381,165	309,131	9,741,486	16,267,176
Cumberland	105	1,617	3,177,541	426,433	8,356,314	14,001,849
Digby	86	646	845,784	77,751	2,728,440	4,205,431
Guysboro	45	426	574,823	56,239	1,792,495	2,816,572
Halifax	250	8,407	22,018,238	2,366,648	53,534,424	94,421,262
Hants	71	1,077	2,072,760	385,602	5,481,147	9,129,536
Inverness	78	306	255,030	20,235	1,071,244	1,591,279
Kings	76	669	1,172,799	185,206	5,276,011	7,982,779
Lunenburg	148	1,750	3,296,732	218,833	6,961,170	12,053,885
Pictou	121	4,102	10,262,343	1,107,798	26,004,025	45,527,449
Queens	32	1,252	4,003,758	1,089,291	6,576,531	17,741,732
Richmond	39	211	329,725	36,072	1,144,909	1,885,149
Shelbourne	80	799	1,135,837	94,861	5,042,843	7,895,348
Victoria	41	110	97,561	8,054	254,219	466,924
Yarmouth	82	1,023	1,837,918	178,475	6,182,193	9,613,339
Totals	**1,591**	**32,040**	**76,390,755**	**11,551,564**	**180,543,535**	**320,012,264**

TABLE 19. Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1953
Continued

County and Census Division	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
New Brunswick:						
Albert	22	273	624,599	222,561	1,649,735	2,571,360
Carleton	52	619	1,030,290	137,158	3,224,012	5,321,092
Charlotte	68	2,372	4,322,819	399,432	11,012,009	18,534,555
Gloucester	117	2,123	5,328,873	1,237,630	13,065,754	26,456,058
Kent	54	442	486,153	54,442	2,300,706	3,200,144
King's	54	593	1,240,481	650,586	3,516,289	7,327,905
Madwaska	53	1,143	3,765,575	1,257,805	9,969,251	20,093,317
Northumberland	87	1,358	2,877,788	492,339	9,837,933	16,279,912
Queen's	38	318	649,435	194,794	1,260,659	2,531,733
Restigouche	56	2,045	7,301,736	3,552,857	20,630,324	40,417,477
St. John	142	5,712	14,102,813	1,895,147	50,879,127	87,232,685
Sunburg	10	49	67,150	6,572	204,565	380,802
Victoria	41	436	902,060	51,635	1,780,362	3,456,754
Westmoreland	186	4,906	13,001,009	835,097	27,146,926	47,937,717
York	114	2,082	4,052,264	347,308	7,320,059	14,008,908
Totals	**1,094**	**24,471**	**59,753,045**	**11,335,363**	**163,797,711**	**295,750,419**
Quebec:						
Abitibi	187	1,429	2,742,502	257,714	7,815,104	13,514,171
Argenteuil	74	3,003	7,859,687	578,531	16,406,367	33,074,545
Arthabaska	148	4,326	8,887,809	395,686	21,003,411	37,388,552
Bagot	74	1,308	2,505,609	149,038	7,451,097	11,560,332
Beauce	180	2,694	5,059,362	376,056	12,192,964	23,128,599
Beauharnois	72	6,414	17,799,646	4,895,632	31,317,525	65,613,822
Bellechasse	79	351	502,613	59,426	2,976,963	3,994,232
Berthier	119	1,645	2,951,651	238,520	6,714,024	12,595,420
Bonaventure	92	558	748,347	72,459	2,839,752	4,190,076
Brome	40	260	411,622	60,261	1,736,825	2,441,940
Chambly	109	5,567	15,727,519	754,927	22,119,573	50,645,463
Champlain	240	7,179	17,972,730	3,926,160	57,343,624	111,189,781
Charlevoix Est	37	556	1,777,366	863,357	3,895,761	8,964,258
Charlevoix-Ouest	36	115	146,751	15,380	458,816	706,343
Châteauguay	40	555	1,168,389	96,251	3,874,622	6,005,677
Chicoutimi	184	10,680	38,692,947	23,437,360	100,780,763	247,760,898
Compton	69	1,398	3,606,902	1,041,064	9,579,496	18,168,153
Deux-Montagnes	54	315	548,424	70,335	1,922,459	3,051,789
Dorchester	115	640	1,106,768	144,298	5,587,444	7,709,806
Drummond	110	7,091	18,601,473	1,624,921	29,397,445	66,442,100
Frontenac	105	1,081	1,791,678	154,091	4,728,852	8,257,888
Gaspé-Est	107	981	2,356,043	836,707	5,532,835	10,547,196
Gaspé-Ouest	30	455	860,273	13,430	2,670,508	4,291,883
Gatineau	69	287	462,161	36,142	2,073,910	3,297,784
Hull	75	6,909	22,620,941	6,902,794	49,478,860	105,910,701
Huntingdon	27	670	1,790,260	168,477	6,736,037	9,891,564
Iberville	44	585	1,255,262	119,452	3,069,082	5,524,764
Îles-de-la-Madeleine	20	513	342,062	58,916	1,430,448	2,112,083
Jesus Island	51	838	1,695,155	103,689	3,134,482	6,237,153
Joliette	131	2,744	6,227,927	876,855	12,966,775	24,766,201
Kamouraska	87	569	774,962	59,842	2,736,946	4,203,466
Labelle	91	722	1,254,677	74,613	3,732,229	6,138,314
Lac-St-Jean Est	79	2,134	7,759,138	5,660,354	26,569,676	58,089,223
Lac-St-Jean Ouest	158	1,347	3,611,248	1,297,861	11,755,907	23,122,820
Laprairie	35	1,035	2,895,726	933,415	5,014,298	12,752,153
L'Assomption	72	2,618	7,651,700	490,366	27,993,095	39,057,945
Lévis	95	5,095	14,031,815	548,764	16,473,068	42,450,040
L'Islet	99	817	1,507,252	98,824	3,315,051	6,094,578
Lotbinière	101	653	1,065,153	161,327	4,719,123	6,913,255
Maskinongé	75	1,592	2,863,923	298,306	5,178,448	9,094,096
Matane	76	792	1,690,774	84,380	3,704,576	7,382,016
Matapédia	72	487	830,029	61,975	2,631,551	4,432,849
Mégantic	129	2,020	3,954,864	234,571	6,576,829	13,014,936
Missisquoi	74	3,617	8,890,827	656,980	15,174,811	33,228,978
Montcalm	66	430	631,356	54,420	2,821,202	3,941,313
Montmagny	89	1,729	3,530,758	223,114	7,198,198	13,886,108
Montmorency No. 1	47	803	2,426,324	1,438,778	5,981,155	16,004,691
Montmorency No. 2	14	78	136,350	11,522	315,968	633,471
Montreal Island	4,905	245,911	722,398,121	41,998,884	1,632,317,900	3,036,759,551
Napierville	28	429	787,343	81,029	3,992,009	5,950,615
Nicolet	110	847	1,395,324	162,731	6,542,022	9,043,899
Papineau	86	1,779	5,585,388	1,636,041	12,089,310	27,400,098
Pontiac	50	312	556,224	55,028	2,488,864	3,703,767
Portneuf	170	2,850	7,575,445	3,059,667	17,898,914	38,091,520
Quebec	586	20,939	49,215,588	5,634,508	115,340,644	215,492,668
Richelieu	74	7,433	21,876,957	3,307,085	23,179,340	55,190,648
Richmond	81	3,181	8,970,809	1,756,006	18,626,472	37,068,956
Rimouski	142	950	1,893,290	137,432	5,245,076	9,043,929
Rivière-du-Loup	112	692	1,225,125	117,216	5,083,047	7,270,657
Rouville	87	1,415	2,655,680	329,393	8,480,334	13,837,314
Saguenay	62	1,219	4,984,080	1,099,800	16,466,631	30,124,607
Shefford	165	6,760	16,496,073	977,314	35,661,207	68,130,240
Sherbrooke	130	8,414	20,401,055	1,439,464	38,931,096	81,958,537
Soulanges	25	88	157,181	21,178	762,205	1,058,387
Stanstead	98	4,930	10,666,745	864,970	39,268,842	57,472,992
St-Hyacinthe	147	4,954	10,209,496	603,983	27,802,406	47,191,318
St-Jean	85	5,380	15,137,128	1,033,009	23,381,229	47,827,683
St-Maurice	198	13,416	41,696,484	16,089,223	97,019,461	226,761,574

TABLE 19. Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1953
Continued

County and Census Division	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
Quebec — Concluded:						
Témiscamingue	87	2,157	6,539,126	2,833,849	50,248,729	69,889,130
Témiscouata	84	659	1,355,441	54,725	3,996,005	6,345,105
Terrebonne	217	6,571	14,650,956	953,052	26,449,222	52,666,467
Vaudreuil	44	334	616,892	43,768	1,715,248	2,834,749
Verchères	68	1,245	3,254,445	443,176	9,407,599	18,325,075
Wolfe	60	668	1,033,905	237,672	2,280,896	4,335,040
Yamaska	54	337	512,258	76,708	2,570,449	3,586,911
Totals	**12,132**	**441,555**	**1,225,573,314**	**145,764,252**	**2,816,373,112**	**5,386,784,863**
Ontario:						
Algoma	130	9,648	34,840,528	7,288,836	69,825,281	134,784,597
Brant	210	13,112	41,696,933	1,994,439	67,704,576	146,942,229
Bruce	145	2,338	4,853,472	290,767	10,929,075	18,533,090
Carleton	360	10,983	31,011,070	2,024,394	51,324,329	111,144,869
Cochrane	117	4,644	16,595,347	3,301,375	36,076,873	84,367,973
Dufferin	31	207	406,676	55,196	1,585,382	2,281,635
Dundas	49	620	1,406,839	169,618	8,854,845	14,596,941
Durham	83	2,311	7,178,250	475,353	10,075,237	26,170,580
Elgin	105	3,196	8,482,579	639,442	29,434,782	48,656,404
Essex	471	41,618	151,928,533	10,203,004	440,091,003	756,836,929
Frontenac	114	6,467	20,022,292	1,610,103	43,614,925	86,773,971
Glengarry	52	345	576,529	75,090	2,823,464	3,779,161
Grenville	55	2,043	5,477,610	923,264	13,957,442	26,633,851
Grey	190	4,818	12,336,805	614,879	18,627,907	39,142,849
Haldimand	57	1,916	4,505,099	728,619	11,804,405	22,001,973
Haliburton	28	388	838,588	42,488	1,113,513	2,784,346
Halton	149	6,539	19,292,878	1,682,555	53,076,869	91,688,509
Hastings	234	7,777	20,845,185	3,591,793	43,466,893	95,509,671
Huron	137	1,920	4,355,506	478,820	10,450,650	18,921,469
Kenora	78	2,177	7,093,585	1,463,714	30,638,872	49,650,189
Kent	200	8,156	25,307,770	2,469,375	84,280,245	135,813,826
Lambton	123	9,099	33,126,879	15,349,648	150,069,449	250,580,267
Lanark	121	2,915	7,155,107	495,017	15,266,223	28,138,347
Leeds	113	3,112	8,600,075	663,105	34,589,139	52,137,329
Lennox and Addington	64	797	1,969,313	383,354	5,742,528	9,739,861
Lincoln	209	16,862	54,462,081	3,610,468	89,473,323	189,735,548
Manitoulin	31	92	139,139	20,764	629,783	868,966
Middlesex	389	19,210	56,556,463	2,861,031	114,351,590	236,667,656
Muskoka	81	1,042	2,348,162	133,481	4,943,697	9,028,860
Nipissing	96	1,980	5,491,926	605,085	9,724,490	21,428,209
Norfolk	91	2,043	5,066,209	346,705	38,032,666	50,068,380
Northumberland	117	1,837	4,550,807	364,950	11,527,051	20,456,371
Ontario	183	18,654	69,372,229	2,483,849	255,821,811	427,296,914
Oxford	193	7,527	20,278,351	1,691,224	58,498,680	98,288,404
Parry Sound	104	1,085	2,506,638	244,327	5,295,787	11,930,498
Peel	128	19,276	74,461,831	4,754,653	108,510,104	277,906,295
Perth	159	5,046	13,411,186	1,932,029	29,428,908	54,384,594
Peterboro	144	10,251	32,999,257	1,506,930	63,287,302	122,269,351
Prescott	76	1,074	3,020,370	946,458	7,513,355	15,076,101
Prince Edward	63	725	1,113,125	153,944	4,949,017	7,048,664
Rainy River	53	1,181	4,521,215	896,490	8,440,141	19,695,033
Renfrew	200	4,963	12,365,054	1,225,921	22,047,112	45,467,071
Russell	57	205	326,204	71,838	2,382,810	3,007,787
Simcoe	236	6,563	17,152,889	899,927	32,495,666	61,848,760
Stormont	90	7,097	19,291,834	3,852,082	32,463,341	75,009,996
Sudbury	148	10,446	38,767,102	15,915,361	110,291,001	286,215,829
Thunder Bay	235	9,310	32,212,759	7,073,807	71,787,692	159,745,465
Timiskaming	99	1,327	2,944,124	229,929	5,795,650	11,198,444
Victoria	90	2,070	4,773,065	414,191	7,707,421	17,725,650
Waterloo	531	31,474	89,271,847	4,482,208	166,787,275	355,563,504
Welland	296	25,642	91,016,787	19,590,030	288,076,183	506,783,772
Wellington	226	8,198	22,779,493	1,421,544	43,885,199	83,927,106
Wentworth	644	62,711	208,152,634	22,905,952	396,275,379	845,980,805
York	4,729	209,517	658,725,989	28,594,540	1,324,288,221	2,604,261,091
Totals	**13,114**	**634,554**	**2,017,982,218**	**186,243,966**	**4,560,134,562**	**8,876,504,990**
Manitoba:						
Division No. 1	53	223	397,706	59,043	1,269,950	2,047,627
Division No. 2	40	415	802,505	108,967	2,883,747	4,874,207
Division No. 3	25	92	170,010	23,786	1,234,667	1,575,413
Division No. 4	12	75	161,815	16,887	469,241	783,937
Division No. 5	54	3,586	11,860,993	1,828,770	32,699,280	57,876,625
Division No. 6	995	33,671	92,393,717	5,521,151	266,962,594	448,600,661
Division No. 7	60	872	2,465,111	274,497	10,064,266	14,821,594
Division No. 8	16	86	167,473	29,182	1,258,498	1,655,364
Division No. 9	54	3,340	9,417,950	938,990	12,768,171	30,532,625
Division No. 10	18	143	334,606	91,352	1,128,369	1,799,946
Division No. 11	19	82	168,500	26,206	1,034,121	1,354,861
Division No. 12	32	93	153,234	28,694	1,227,667	1,522,913
Division No. 13	36	192	356,537	45,456	1,263,774	1,992,961
Division No. 14	44	126	168,524	19,153	1,031,229	1,434,234
Division No. 15	20					
Division No. 16	62	744	2,107,598	659,771	10,107,541	13,999,491
Totals	**1,540**	**43,740**	**121,126,279**	**9,671,905**	**345,403,115**	**584,872,459**

TABLE 19. Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1953 Concluded

County and Census Division	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
Saskatchewan:						
Division No. 1	21	123	290,658	47,910	941,695	1,644,725
Division No. 2	12	68	145,737	15,247	388,840	740,164
Division No. 3	7	27	51,674	4,140	53,401	136,679
Division No. 4	10	53	101,664	15,344	486,564	696,937
Division No. 5	36	144	274,329	51,672	2,055,452	2,670,542
Division No. 6	150	3,211	10,029,604	1,612,907	45,445,491	72,194,425
Division No. 7	52	1,200	3,656,614	1,054,247	31,094,565	43,825,168
Division No. 8	18	207	584,305	73,786	1,867,330	3,136,919
Division No. 9	96	379	732,188	134,129	3,124,961	5,025,828
Division No. 10	17	69	113,528	15,677	935,442	1,184,736
Division No. 11	126	3,034	8,815,920	861,851	46,150,611	69,232,935
Division No. 12	11	48	121,793	8,329	163,899	354,443
Division No. 13	16	114	301,334	55,146	800,216	1,794,575
Division No. 14	221	719	1,234,753	102,561	2,806,093	5,804,582
Division No. 15	95	1,147	3,026,715	251,628	13,677,013	21,510,626
Division No. 16	81	334	617,810	79,193	1,896,239	3,225,946
Division No. 17 and 18	93	727	2,296,892	1,984,045	28,416,130	33,433,856
Totals	**1,062**	**11,604**	**32,395,518**	**6,367,812**	**180,303,942**	**266,613,086**
Alberta:						
Division No. 1	44	1,370	3,180,871	241,261	19,674,775	26,705,279
Division No. 2	103	1,845	4,704,500	402,494	11,941,461	24,590,197
Division No. 3	13	655	1,862,371	146,773	2,758,291	6,760,987
Division No. 4	23	402	1,061,822	148,554	5,875,997	9,959,711
Division No. 5	9	37	76,468	9,989	194,892	343,255
Division No. 6	420	10,445	32,359,912	4,126,275	111,729,236	185,144,876
Division No. 7	26	122	256,231	35,347	1,548,600	2,029,388
Division No. 8	107	616	1,404,329	140,088	6,938,968	9,949,417
Division No. 9	166	737	1,260,461	133,765	4,916,588	7,934,866
Division No. 10	53	375	982,736	269,900	7,218,905	11,684,776
Division No. 11	453	13,075	39,218,899	3,694,556	155,519,692	238,576,749
Division No. 12	182	925	1,635,886	142,429	3,887,148	7,735,992
Division No. 13	79	323	562,544	58,233	2,405,445	3,691,093
Division No. 14	166	651	1,126,983	111,863	5,007,205	7,356,208
Division No. 15	93	622	1,223,137	114,158	2,555,381	5,342,263
Division No. 16	116	846	1,642,525	151,914	3,971,850	7,822,458
Division No. 17	19	36	45,478	5,638	76,728	187,312
Totals	**2,072**	**33,082**	**92,605,153**	**9,933,237**	**346,221,162**	**555,814,827**
British Columbia:						
Division No. 1	138	1,495	3,994,093	899,755	7,962,456	16,123,163
Division No. 2	173	6,695	23,299,826	2,934,782	87,051,417	143,907,410
Division No. 3	336	3,469	8,594,870	599,450	17,445,044	33,716,736
Division No. 4	1,891	54,006	174,721,841	11,107,766	436,298,691	788,268,572
Division No. 5	473	13,868	47,665,610	4,886,459	86,870,671	190,134,072
Division No. 6	282	2,555	6,382,351	540,183	14,249,184	26,843,414
Division No. 7	30	3,339	13,237,715	2,469,633	23,106,974	69,971,273
Division No. 8	823	5,687	14,209,219	1,252,295	32,183,358	60,699,892
Division No. 9	57	2,173	7,743,825	1,851,560	16,626,150	32,467,656
Division No. 10	114	557	1,071,968	99,838	2,701,809	4,691,502
Totals	**4,317**	**93,844**	**300,921,318**	**26,641,721**	**724,495,754**	**1,366,823,690**

APPENDIX I

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1953

MONTREAL METROPOLITAN AREA

Industry	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
Foods and Beverages:						
Biscuits	9	2,422	4,906,287	311,151	13,496,479	26,158,682
Bread and other bakery products	152	5,152	13,021,655	1,286,909	21,251,185	45,813,293
Breweries	5	2,401	9,131,786	677,414	15,756,755	53,185,941
Butter and Cheese	11	1,963	5,631,366	505,320	16,166,367	27,186,061
Carbonated beverages	27	1,175	3,630,158	291,928	6,073,517	23,415,988
Confectionery	38	2,494	5,624,548	288,564	16,741,899	31,020,236
Dairy products, other	6	216	531,026	76,416	2,203,526	3,997,375
Feeds, stock and poultry, prepared	14	496	1,423,759	122,019	21,402,558	25,756,914
Flour mills	3	580	2,121,688	160,338	26,061,035	31,930,758
Fruit and vegetable preparations	35	988	2,274,291	173,198	8,256,322	12,813,096
Misc. food preparations	67	2,485	6,823,871	571,126	60,422,874	87,245,044
Sausage and sausage casings	19	354	843,534	56,973	3,357,005	5,146,217
Slaughtering and meat packing	21	3,400	10,716,757	675,435	108,241,530	131,247,551
All other industries [1]	20	3,992	12,347,541	1,513,481	63,791,570	108,887,120
Totals	**427**	**28,118**	**79,028,267**	**6,710,272**	**383,222,622**	**613,804,276**
Tobacco and Tobacco Products:						
Total	**20**	**5,338**	**16,758,627**	**246,024**	**55,398,674**	**102,774,775**
Rubber Products:						
Totals	**12**	**2,357**	**8,125,583**	**273,917**	**8,689,028**	**22,054,403**
Leather Products:						
Belting leather	6	82	203,011	12,488	430,948	842,749
Boot and shoe findings, leather	11	183	474,748	15,980	910,251	1,614,798
Footwear, leather	74	7,045	14,836,121	186,075	20,798,657	42,627,625
Gloves and mittens, leather	22	560	993,760	11,709	1,248,554	2,655,971
Leather tanneries	3	98	250,566	23,006	360,511	792,994
Misc. leather goods	96	2,168	4,108,316	52,783	5,016,759	11,266,027
Totals	**212**	**10,136**	**20,866,522**	**302,041**	**28,765,680**	**59,800,164**
Textile Products (except clothing):						
Awnings, tents and sails	15	329	717,469	20,414	1,185,253	2,282,048
Bags, cotton and jute	12	472	1,060,345	41,893	6,733,637	8,016,660
Cotton yarn and cloth	6	3,229	9,575,384	502,157	12,496,437	22,480,256
Dyeing and finishing of textiles	29	893	2,249,015	237,929	1,361,296	4,514,776
Embroideries, pleating, hemstitching, etc.	99	1,397	2,805,803	29,653	2,434,931	7,074,585
Misc. cotton goods	7	209	555,066	59,010	1,701,300	2,913,322
Misc. textile products	80	2,105	4,475,555	144,517	14,872,628	24,030,291
Narrow fabrics	22	504	1,118,886	42,220	1,546,478	3,684,645
Oilcloth, linoleum and other coated fabrics	8	1,536	5,111,041	309,842	9,821,199	19,613,531
Woollen cloth	5	101	493,213	792	102,366	217,939
All other industries [2]	21	1,881	6,240,081	90,269	6,316,861	11,586,639
Totals	**304**	**12,656**	**34,401,858**	**1,478,696**	**58,572,386**	**106,414,692**
Clothing (Textile and Fur):						
Clothing, children's	105	4,548	8,206,195	94,913	17,721,836	31,715,873
Clothing, contractors men's	101	2,106	4,432,525	49,525	405,018	5,727,237
Clothing, contractors women's	74	1,164	2,157,715	23,339	69,243	2,791,564
Clothing, men's factory	287	12,957	29,991,452	261,355	62,612,127	117,535,160
Clothing, women's factory	485	17,726	37,948,379	297,858	76,858,443	145,971,499
Corsets	15	681	1,194,419	8,760	1,839,435	4,803,111
Fur goods	252	2,740	7,182,342	83,890	21,059,886	32,532,478
Hats and caps	72	2,260	5,247,037	80,871	5,290,606	13,822,609
Hosiery	19	1,267	3,078,087	66,770	2,690,261	8,196,490
Oiled and waterproofed clothing	8	340	798,472	8,313	1,926,494	3,163,193
Other knitted goods	49	1,885	3,749,865	79,375	7,433,294	12,612,642
Misc. clothing products	35	818	1,567,201	18,222	3,759,313	6,385,742
All other industries [3]	5	641	1,837,892	42,029	764,026	3,748,879
Totals	**1,507**	**49,133**	**107,391,581**	**1,115,220**	**202,429,982**	**389,006,477**
Wood Products:						
Boxes and baskets, wood	8	374	953,514	54,494	1,080,693	2,412,503
Coffins and caskets	3	89	181,399	6,177	241,769	465,806
Furniture	263	5,367	13,872,280	396,439	20,982,153	44,780,473
Lasts, trees and shoe findings	5	284	647,793	15,421	539,378	1,472,585
Misc. wood products	35	397	1,376,819	29,678	1,484,967	2,843,616
Sash door and planing mills	71	1,007	2,525,236	136,443	7,142,950	11,343,358
Wood turning	3	20	43,759	901	26,353	86,312
All other industries [4]	10	454	1,211,148	51,966	2,399,361	4,701,986
Totals	**398**	**7,992**	**20,811,948**	**691,519**	**33,897,624**	**68,106,639**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1953 — Continued

MONTREAL METROPOLITAN AREA — Continued

Industry	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
Paper Products:						
Boxes and bags, paper	33	3,113	8,080,130	239,441	22,243,686	37,278,101
Miscellaneous paper goods	45	1,124	3,011,503	87,327	8,021,108	13,941,751
All other industries[5]	7	2,178	9,504,866	484,562	7,347,907	18,455,696
Totals	**85**	**6,415**	**20,596,499**	**811,330**	**37,612,701**	**69,675,548**
Printing, Publishing and Allied Industries:						
Engraving, stereotyping and electrotyping	32	796	3,148,839	58,688	1,122,813	6,119,504
Lithographing	12	719	2,493,566	45,135	3,634,694	8,368,374
Printing and bookbinding	346	5,140	15,386,211	294,174	12,270,735	35,959,349
Printing and publishing	25	4,708	16,503,740	241,523	13,660,996	44,652,207
Publishing only of periodicals	265	2,059	5,347,711	—	9,967,495	23,317,807
Trade composition	10	284	1,055,292	11,689	130,792	1,697,265
Totals	**690**	**13,706**	**43,935,359**	**651,209**	**40,787,525**	**120,114,506**
Iron and Steel Products:						
Boilers and platework	13	1,558	5,231,065	155,389	4,544,729	13,024,155
Bridge building and structural steel	10	3,413	13,113,883	388,146	22,034,224	49,583,191
Iron castings	11	2,112	7,599,016	467,421	10,050,307	21,567,873
Hardware, tools and cutlery	55	2,525	7,695,401	257,466	7,347,006	22,000,512
Heating and cooking apparatus	12	951	2,899,970	96,655	5,222,530	10,948,792
Machinery, household office and store	20	843	2,441,909	44,800	3,173,832	6,452,664
Machinery industrial	34	5,055	17,600,651	525,331	17,512,133	50,997,601
Machine shops	61	996	3,064,951	96,707	1,855,483	5,940,419
Miscellaneous iron and steel products	54	926	2,769,498	107,251	1,987,143	5,986,009
Primary iron and steel	6	2,699	9,959,325	1,333,495	16,142,347	33,616,997
Sheet metal products	57	4,758	15,163,153	453,797	27,009,503	51,751,079
Wire and wire goods	26	2,078	6,938,101	417,273	7,571,741	25,128,247
Totals	**359**	**27,914**	**94,476,923**	**4,343,731**	**124,450,978**	**296,997,539**
Transportation Equipment:						
Boat building	7	24	44,693	1,220	35,727	100,568
Motor vehicle parts	18	321	906,200	52,397	829,207	2,624,585
Railway rolling stock	8	16,832	55,937,617	2,310,325	80,171,046	156,902,001
All other industries[6]	31	19,303	69,736,456	1,217,243	77,364,327	191,869,638
Totals	**64**	**36,480**	**126,624,966**	**3,581,185**	**158,400,307**	**351,496,792**
Non-ferrous Metal Products:						
Total	**138**	**6,426**	**20,738,601**	**1,666,788**	**141,496,399**	**179,869,190**
Electrical Apparatus and Supplies:						
Machinery heavy electrical	11	954	2,853,759	72,975	3,191,400	7,392,527
Miscellaneous electrical apparatus and supplies[7]	30	10,831	37,163,299	802,131	37,864,899	99,167,559
Radio and radio parts	19	4,842	16,780,609	183,521	30,582,509	52,821,620
Refrigerators vacuum cleaners and appliances	13	1,471	4,614,382	151,236	8,434,240	18,445,012
Totals	**73**	**18,098**	**61,412,049**	**1,209,863**	**80,073,048**	**177,826,718**
Non-metallic Mineral Products:						
Concrete products	43	1,201	3,262,916	335,696	5,966,177	13,212,694
Glass and glass products	27	2,647	7,987,445	1,813,263	7,556,267	22,712,643
Miscellaneous non-metallic mineral products	13	249	728,712	147,683	1,036,517	2,365,657
Stone products	13	183	488,280	41,640	594,190	1,437,422
All other industries[8]	7	1,668	5,565,241	3,527,715	7,381,214	26,386,658
Totals	**103**	**5,948**	**18,032,594**	**5,865,997**	**22,534,365**	**66,115,074**
Products of Petroleum and Coal[9]:						
Totals	**12**	**3,821**	**14,592,483**	**11,576,671**	**193,160,096**	**275,907,246**
Chemicals and Allied Products:						
Acids, alkalis and salts	6	653	2,752,535	343,349	3,175,465	4,394,231
Adhesives	9	136	369,871	47,427	1,930,860	3,134,653
Gases compressed	7	239	785,022	94,878	463,659	3,524,087
Inks	10	118	309,753	14,363	609,878	1,492,248
Medicinal and pharmaceutical preparations	78	3,131	9,347,067	334,318	12,423,280	38,255,510
Miscellaneous chemical products	50	1,088	3,823,352	136,285	4,380,816	9,583,313
Paints, varnishes and lacquers	28	2,211	7,608,491	220,162	16,363,417	34,556,891
Polishes and dressings	12	224	557,322	31,388	1,887,904	3,142,093
Soaps, washing compound and cleaning preparations	33	464	1,213,721	78,865	2,504,066	5,634,501
Toilet preparations	29	637	1,621,978	44,406	4,060,928	11,131,763
All other industries[10]	8	805	2,930,721	273,263	11,780,066	15,589,775
Totals	**270**	**9,706**	**31,319,833**	**1,618,704**	**59,580,339**	**130,439,065**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1953 — Continued

MONTREAL METROPOLITAN AREA — Concluded

Industry	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
Miscellaneous Manufacturing Industries:						
Artificial flowers and feathers	26	350	629,791	8,704	875,202	2,002,513
Brooms brushes and mops	25	341	700,641	20,203	1,249,453	2,310,012
Buttons buckles and fasteners	29	665	1,382,578	35,361	2,085,377	4,467,044
Clocks, watches and watch cases	17	135	390,418	5,216	1,329,744	2,128,170
Fountain pens and pencils	4	255	544,341	10,075	787,412	2,292,081
Hair goods	7	34	84,950	2,867	370,048	493,625
Ice, artificial	8	85	269,873	99,305	32,936	823,130
Lamps electric and lamp shades	28	529	1,070,008	25,517	2,117,719	4,082,887
Models and patterns excluding paper	9	71	254,756	6,871	90,361	403,384
Other miscellaneous industries	6	201	554,121	26,060	415,584	1,553,795
Plastic products	33	581	1,527,044	74,121	4,528,280	7,433,321
Scientific and professional equipment	23	1,683	5,818,199	68,784	5,335,071	13,205,197
Signs, electric neon and other	36	511	1,455,610	50,118	927,945	3,415,969
Sporting goods	11	242	519,254	12,953	522,600	1,254,505
Stamps and stencils, rubber and metal	11	104	290,319	7,907	144,071	568,028
Statuary art goods and novelties	33	283	623,048	17,660	608,195	1,590,868
All other industries [11]	23	911	2,206,507	101,299	2,588,460	6,654,507
Totals	**329**	**6,981**	**18,321,458**	**573,021**	**24,008,458**	**54,679,036**
Grand Totals Metropolitan Montreal	**5,003**	**251,225**	**737,435,151**	**42,716,188**	**1,653,080,212**	**3,085,082,140**

1. Includes: Animal oils and fats 1; cheese process 4; distilled liquors 4; feed mills 1; fish processing 1; foods breakfast 2; macaroni and kindred product 4; sugar refining 2; wines 1.
2. Includes: Automobile accessories, fabric 3; cordage, rope and twine 1; cotton thread 9; misc. woollen goods 2; synthetic textiles and silk3; woollen yarn 3.
3. Includes: Fur dressing and dying 4; gloves and mittens fabric 1.
4. Includes: Cooperage 3; excelsior 1; flooring hardwood 2; sawmills 1; veneers and plywoods 1; woodenware 2.
5. Includes: Pulp and paper mills 3; roofing paper 4.
6. Includes: Aircraft and parts 20; bicycles and parts 3; motor vehicles 2; shipbuilding 6.
7. Includes also: Batteries 2.
8. Includes: Abrasive products 1; asbestos products 2; cement hydraulic 1; clay products from domestic clay 1; gypsum products 1; sand-lime brick 1.
9. Includes: Coke and gas products 2; misc. products of petroleum and coal 3; petroleum products 7.
10. Includes: Coal tar distillation 2; fertilizers 2; primary plastics 2; vegetable oils 2.
11. Includes: Candles 7; musical instruments 2; pipes, lighters and smokers' supplies 4; toys and games 6; typewriter supplies 2; umbrellas 2.

The following Municipalities are Included in Greater Montreal

Municipality	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
Dorval	5	55	116,091	5,834	333,209	511,202
L'Abord-A-Plouffe	8	94	214,243	8,219	186,525	513,407
Lachine	71	9,335	32,902,127	1,188,341	39,104,650	106,709,804
Lasalle	40	4,353	13,669,654	2,813,926	51,420,999	99,719,459
Laval-des-Rapides	6	114	227,334	14,225	334,211	812,313
Longueuil	33	3,500	10,377,769	455,864	12,964,753	31,337,553
Montreal (city proper)	4,398	193,129	544,284,191	18,428,249	1,067,911,378	2,042,662,785
Montreal East	32	5,978	22,241,766	14,609,000	315,804,741	425,407,273
Montreal North	10	48	89,979	7,393	188,848	404,017
Montreal West	5	36	101,216	10,400	112,649	380,711
Mont-Royal	25	3,135	10,463,005	291,794	17,875,054	37,126,370
Outremont	50	2,233	5,955,607	148,999	10,702,953	22,544,451
Pointe-aux-Trembles	10	252	532,164	30,061	1,054,346	2,216,084
Point-Viau	9	204	401,494	26,469	603,461	1,237,574
St-Laurent	54	16,697	59,119,047	1,470,248	76,323,353	185,072,874
St. Lambert	16	658	1,745,103	73,171	3,300,567	6,552,055
St. Michel	48	612	1,464,206	86,272	2,379,323	5,132,072
Verdun	74	1,783	3,861,285	112,921	8,219,383	15,721,739
Westmount	30	1,993	5,884,634	370,916	6,418,890	18,122,871
All other [1]	79	7,016	23,784,236	2,563,886	37,840,919	82,897,526
Totals, Metropolitan Montreal	**5,003**	**251,225**	**737,435,151**	**42,716,188**	**1,653,080,212**	**3,085,082,140**

1. Includes: Baie-d'Urfé; Beaconsfield; Cote-St-Luc; Hampstead; Greenfield Park; Jacques Cartier; Le Moyne; Mackayville; Montreal South; Pointe-Claire; Ste-Anne-de-Bellevue; Ste-Geneviève-de-Pierrefonds; St-Léonard-de-Port-Maurice; St-Pierre. Parishes of Asile-St-Jean-de-Dieu; Dollard-des-Ormeaux; Île-aux-Soeurs; La Présentation-de-la-Ste-Vierge; Notre-Dame-de-Liesse; Ste-Anne-du-Bout-de-l'Île; Ste-Geneviève Parish; St-Joachim-de-la-Pointe-Claire; St-Joseph-de-la-Rivière-des-Prairies; St-Léonard-de-Port-Maurice Parish; St-Raphaël-de-l'Île-Bizard.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1953 — Continued

TORONTO METROPOLITAN AREA

Industry	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
Food and Beverages:						
Biscuits	4	499	1,074,667	46,869	2,186,037	4,627,832
Bread and other bakery products	193	5,757	15,553,945	1,454,937	21,575,210	47,892,197
Butter and cheese	6	1,825	5,904,817	434,645	14,116,155	23,328,990
Carbonated beverages	18	1,015	2,760,808	225,885	3,529,066	15,512,987
Cheese process	4	189	463,729	18,703	3,573,159	4,773,329
Confectionery	37	3,560	8,044,874	456,154	22,541,439	40,655,153
Dairy products, other	5	78	204,745	23,203	567,326	1,176,610
Feed mills	4	10	21,061	4,119	137,977	171,980
Feeds, stock and poultry, prepared	11	562	1,778,337	155,508	16,729,300	20,355,960
Miscellaneous food preparations	64	2,542	7,349,610	665,991	44,676,759	64,160,667
Sausage and sausage casing	16	279	604,295	45,427	3,129,919	4,161,015
Slaughtering and meatpacking	21	5,412	18,712,871	1,176,626	170,835,854	214,222,529
Wines	5	116	521,223	18,619	577,079	1,706,434
All other industries[1]	46	3,293	12,034,873	804,975	44,278,457	93,265,153
Totals	**434**	**25,137**	**75,029,855**	**5,531,661**	**348,453,737**	**536,010,836**
Tobacco and Tobacco Products:						
Totals	**4**	**83**	**171,055**	**5,927**	**384,436**	**750,339**
Rubber Products:						
Totals	**14**	**6,197**	**21,548,502**	**1,280,450**	**40,877,628**	**94,194,061**
Leather Products:						
Footwear, leather	35	1,553	3,474,390	41,300	4,398,389	9,532,266
Gloves and mittens, leather	3	25	41,094	1,326	34,893	94,811
Leather tanneries	4	578	1,822,015	162,330	4,700,112	7,895,207
Miscellaneous leather goods	59	1,296	2,868,403	48,059	3,364,844	7,391,231
All other industries[2]	5	116	309,959	8,279	833,641	1,159,162
Totals	**106**	**3,568**	**8,515,861**	**261,294**	**13,331,879**	**26,072,677**
Textile Products (except clothing):						
Automobile accessories fabric	5	39	79,452	1,655	210,614	366,494
Awnings, tents and sails	21	327	665,749	20,573	1,827,172	2,999,127
Dyeing and finishing of textiles	11	274	761,911	40,700	199,646	1,559,909
Embroideries, pleatings hemstitching etc.	36	434	954,109	22,103	855,736	2,673,399
Miscellaneous textile products	53	1,148	2,836,171	76,433	8,013,216	13,123,119
Miscellaneous woollen goods	13	456	1,471,361	80,303	9,784,959	11,999,176
Narrow fabrics	13	178	384,909	12,133	650,636	1,348,996
Woollen cloth	6	532	1,359,728	143,924	3,963,942	5,406,670
Woollen yarn	5	750	1,886,539	109,142	4,551,623	7,417,611
All other industries[3]	21	1,346	3,933,291	294,918	10,911,062	18,346,729
Totals	**184**	**5,484**	**14,333,220**	**801,884**	**40,968,606**	**65,241,230**
Clothing (textile and fur):						
Clothing, children's	36	997	1,987,736	21,180	3,019,387	6,141,161
Clothing, contractors men's	18	202	467,144	7,154	95,057	764,051
Clothing, contractors women's	10	71	133,781	3,201	14,125	207,084
Clothing, men's factory	118	7,601	18,674,861	173,851	28,655,064	55,733,480
Clothing, women's factory	245	6,450	16,030,802	142,084	22,705,088	45,583,639
Corsets	14	1,146	2,414,644	19,679	2,843,701	6,372,797
Fur dressing and dyeing	4	266	607,384	19,127	176,878	1,015,786
Fur goods	178	1,536	4,695,783	74,379	11,834,346	18,833,281
Hats and caps	59	1,144	2,710,528	42,604	2,755,264	6,932,779
Hosiery	10	643	2,067,910	32,872	1,856,899	4,281,172
Miscellaneous clothing products	23	481	958,544	10,928	1,816,958	3,470,760
Oiled and waterproofed clothing	4	138	339,998	4,592	594,155	1,066,468
Other knitted goods	37	2,039	4,661,615	107,909	10,526,189	17,749,534
Totals	**756**	**22,714**	**55,750,730**	**659,560**	**86,893,111**	**168,151,992**
Wood Products:						
Boxes and baskets, wood	9	398	1,006,360	20,231	1,321,343	3,390,608
Flooring hardwood	3	219	723,409	29,639	1,241,995	2,454,420
Furniture	286	4,415	12,394,386	336,152	23,413,264	44,519,069
Miscellaneous wood products	43	506	1,369,953	33,779	1,609,207	3,516,178
Sash door and planing mills	68	998	2,892,453	142,711	6,571,852	11,921,922
Wood turning	5	21	39,979	1,565	44,721	107,142
All other industries[4]	13	252	664,570	19,722	827,440	1,821,508
Totals	**427**	**6,809**	**19,091,110**	**583,799**	**35,029,822**	**67,730,847**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1953 — Continued

TORONTO METROPOLITAN AREA — Continued

Industry	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
Paper Products:						
Boxes and bags paper	50	3,917	12,295,951	314,658	31,803,019	54,620,578
Miscellaneous paper goods[5]	67	3,356	9,958,982	443,335	20,411,091	40,910,763
Pulp and paper mills	7	1,312	6,949,012	1,186,313	9,840,010	19,739,596
Totals	**124**	**8,585**	**29,203,945**	**1,944,306**	**62,054,120**	**115,270,937**
Printing and Publishing and Allied Industries:						
Engraving stereotyping and electrotyping	46	2,034	8,574,740	116,215	3,470,223	16,182,478
Lithographing	32	1,655	5,719,126	95,012	7,550,284	17,495,440
Printing and bookbinding	390	8,586	26,549,491	479,987	26,676,438	73,374,892
Printing and publishing	48	6,939	27,053,961	584,825	22,978,789	71,851,099
Printing only (of periodicals)	305	1,092	2,233,923	–	5,740,224	10,311,292
Trade composition	20	423	1,738,666	21,088	150,785	2,518,816
Totals	**841**	**20,729**	**71,869,907**	**1,297,127**	**66,566,743**	**191,734,017**
Iron and Steel Products:						
Boilers and platework	17	3,610	14,277,625	417,086	17,032,229	40,834,920
Bridge building and structural steel	8	1,991	7,686,313	216,202	9,667,124	26,664,692
Castings iron	13	1,276	4,482,048	154,902	5,741,616	14,694,415
Hardware, tools and cutlery	88	2,915	10,163,751	346,101	10,100,809	29,411,079
Heating and cooking apparatus	24	2,520	8,689,000	324,315	13,186,622	31,073,320
Machine shops	78	841	2,547,185	79,801	1,426,554	5,647,458
Machinery household, office and store	25	3,525	12,081,993	247,858	18,564,189	45,174,650
Machinery industrial[6]	72	8,828	31,522,907	707,220	53,508,097	103,166,377
Miscellaneous iron and steel products	71	3,268	10,597,212	580,279	7,060,527	23,560,628
Sheet metal products	76	5,245	17,303,962	773,411	31,517,901	60,679,778
Wire and wire goods	27	385	1,209,912	85,549	3,032,655	5,034,224
Totals	**499**	**34,404**	**120,561,908**	**3,932,724**	**170,838,323**	**385,941,541**
Transportation Equipment:						
Motor vehicle parts	33	4,017	13,272,800	538,252	18,977,035	39,872,075
Railway rolling stock	4	1,309	4,469,179	135,995	4,314,053	9,227,181
All other industries[7]	13	3,385	11,689,963	345,210	15,905,301	33,685,471
Totals	**50**	**8,711**	**29,431,942**	**1,019,457**	**39,196,389**	**82,784,727**
Non-ferrous Metal Products:						
Aluminum products	29	1,782	5,652,522	345,668	4,858,629	15,639,853
Brass and copper products	36	2,585	9,559,088	673,495	29,177,306	48,188,914
Jewellery and silverware	76	2,172	5,974,866	183,655	16,872,820	26,263,931
Miscellaneous non-ferrous metal products	3	221	778,594	41,090	1,552,667	2,719,529
White metal products	13	1,480	4,555,896	328,767	15,482,220	23,732,183
Totals	**157**	**8,240**	**26,520,966**	**1,572,675**	**67,943,642**	**116,544,410**
Electrical Apparatus and Supplies:						
Batteries	5	1,434	5,101,640	290,599	14,383,110	26,050,274
Machinery heavy electrical	23	6,856	24,923,949	416,444	23,405,603	64,952,197
Miscellaneous electrical apparatus and supplies	62	5,820	19,693,315	733,792	35,016,250	80,913,901
Radios and radio parts	37	7,151	20,841,523	291,924	49,279,591	89,023,974
Refrigerators, vacuum cleaners and appliances	34	3,735	11,966,593	615,920	24,405,285	47,773,733
Totals	**161**	**24,996**	**82,527,020**	**2,348,679**	**146,489,839**	**308,714,079**
Non-metallic Mineral Products:						
Clay products from domestic clay	8	574	2,067,840	712,527	150,877	5,248,748
Clay products from imported clay	5	73	210,278	26,063	433,211	1,040,694
Concrete products	40	726	2,363,638	245,931	4,622,662	11,312,891
Glass and glass products	40	1,321	3,965,732	557,576	3,985,232	9,435,173
Miscellaneous non-metallic mineral products	11	72	202,853	17,179	579,957	1,154,880
Sand-lime	2	136	433,261	59,884	377,482	1,307,717
Stone products	23	505	1,740,948	298,605	1,567,084	4,283,711
All other industries[8]	4	125	522,096	3,863	111,778	225,318
Totals	**133**	**3,532**	**11,506,646**	**1,921,628**	**11,829,283**	**34,009,132**
Products of Petroleum and Coal[9]:						
Totals	**12**	**2,958**	**11,703,194**	**720,581**	**11,286,221**	**25,068,212**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1953 — Continued

TORONTO METROPOLITAN AREA — Concluded

Industry	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
Chemicals and Allied Products:						
Acids, alkalies and salts	3	282	1,252,667	222,157	2,218,345	4,644,155
Adhesives	10	366	1,208,565	208,838	2,675,172	5,277,520
Gases compressed	6	348	1,200,430	79,126	391,335	2,726,149
Inks	18	745	2,512,732	90,463	4,502,597	11,137,925
Medicinal and pharmaceutical preparations	56	2,131	5,735,175	167,349	7,700,811	23,506,088
Miscellaneous chemical products	68	817	2,682,425	299,164	8,083,185	15,744,346
Paints varnishes and lacquers	40	2,098	6,904,143	325,907	23,974,600	49,127,349
Polishes and dressings	17	239	678,195	22,298	1,808,493	4,028,918
Soaps, washing compounds and cleaning preparations	33	2,553	9,024,329	748,063	24,495,617	54,129,673
Toilet preparations	35	854	2,054,775	37,326	4,422,712	12,607,900
All other industries [10]	10	689	2,431,049	624,055	33,137,246	42,504,528
Totals	**296**	**11,122**	**35,684,485**	**2,824,746**	**113,410,113**	**225,434,551**
Miscellaneous Manufacturing Industries:						
Artificial flowers and feathers	12	100	184,654	5,881	99,655	423,327
Brooms brushes and mops	12	419	1,005,684	18,114	1,519,571	3,340,392
Buttons, buckles and fasteners	6	207	499,312	8,838	498,200	1,089,825
Clocks, watches and watch cases	11	304	855,995	6,233	3,741,418	6,194,982
Fountain pens and pencils	6	501	1,373,052	26,162	1,911,572	4,612,707
Ice, Artificial	13	274	841,233	160,481	32,988	1,715,629
Lamps electric and lamps shades	22	636	1,331,279	48,717	2,261,480	4,643,385
Models and patterns excluding paper	17	124	465,186	10,366	65,499	654,985
Medical instruments	10	418	1,163,276	47,324	1,343,240	3,256,599
Other miscellaneous industries	13	377	1,030,841	24,751	1,309,798	3,881,292
Plastic products	43	1,754	4,260,272	119,433	6,104,177	14,183,862
Scientific and professional equipment	45	3,523	12,461,859	272,117	13,123,441	38,173,327
Signs, electric neon and others	52	633	1,795,536	55,928	1,479,364	4,254,171
Sporting goods	15	615	1,612,672	41,441	1,830,386	5,148,722
Stamps and stencils rubber and metal	16	514	1,452,872	41,182	782,960	2,875,502
Statuary art goods and novelties	39	379	894,430	25,869	867,036	2,366,849
Toys and games	23	851	1,827,200	47,689	3,235,556	6,142,257
Typewriter supplies	6	347	1,005,666	23,406	1,841,025	3,885,203
Umbrellas	3	95	175,065	1,025	322,778	580,064
All other industries [11]	10	217	640,618	21,974	1,396,993	2,812,197
Totals	**374**	**12,288**	**34,876,702**	**1,006,931**	**43,767,137**	**110,235,277**
Grand Totals Metropolitan Toronto	**4,572**	**205,557**	**648,327,048**	**27,713,429**	**1,299,321,029**	**2,553,888,865**

1. Includes: Animal oils and fats 4; breweries 4; distilled liquors 3; flour mills 4; foods breakfast 2; fruit and vegetables preparations 26; macaroni and kindred products 3.
2. Includes: Belting leather 2; boot and shoe findings leather 3.
3. Includes: Bags, cotton and jute 4; carpets, mats and rugs 5; cordage rope and twine 2; cotton yarn and cloth 2; cotton thread 2; miscellaneous cotton goods 3; oilcloth, linoleum and other coated fabrics 2; synthetic textiles and silk 1.
4. Includes: Coffins and caskets 2; cooperage 2; excelsior 1; lasts, trees and shoe findings 1; sawmills 4; woodenware 3.
5. Includes also roofing paper 2.
6. Includes: Agricultural implements 1; machine tools 2.
7. Includes: Aircraft and parts 3; bicycles and parts 2; boat building 2; carriages, wagons and sleighs 3; motor vehicles 2; shipbuilding 1.
8. Includes: Abrasive products 1; asbestos products 2; gypsum products one head office.
9. Includes: Coke and gas products 1; miscellaneous products of petroleum and coal 6; petroleum products 5.
10. Includes: Coal tar distillation 2; fertilizers 3; primary plastics 2; vegetable oils 3.
11. Includes: Candles 1; hair goods 6; pipes lighters and smokers' supplies 3.

The Following Muncipalities are Included in Greater Toronto

Industry	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
Long Branch	29	2,242	6,717,025	262,536	11,294,753	23,551,809
Leaside	59	11,136	36,905,616	1,575,974	66,627,094	144,685,122
Mimico	33	653	2,025,896	170,007	3,060,968	7,298,334
New Toronto	52	7,274	26,173,029	2,016,523	83,340,725	156,528,551
Swansea	13	740	2,462,690	271,086	4,879,410	10,385,227
Toronto	3,781	154,251	478,086,271	18,968,416	980,873,073	1,875,747,249
Weston	64	3,472	10,805,328	668,523	19,874,581	42,860,494
Etobicoke Township	109	4,805	15,088,981	823,212	19,323,092	49,542,084
Scarborough Township	123	4,291	13,163,383	909,751	31,507,610	59,258,277
York Township	305	16,675	56,865,822	2,045,748	78,475,232	183,891,003
All other	4	18	33,007	1,653	64,491	140,715
Totals, Metropolitan Toronto	**4,572**	**205,557**	**648,327,048**	**27,713,429**	**1,299,321,029**	**2,553,888,865**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1953 — Continued

HAMILTON METROPOLITAN AREA

Industry	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
Food and Beverages:						
Biscuits	3	129	299,175	37,079	490,417	1,130,017
Bread and other bakery products	47	1,481	3,889,588	343,245	4,199,588	10,192,398
Carbonated beverages	12	173	488,186	55,322	812,650	2,402,711
Confectionery	10	252	623,301	33,184	1,382,228	3,586,255
Feed, Mills	6	19	38,828	8,165	435,584	528,331
Feed stock and poultry, prepared	5	31	55,282	6,138	141,480	219,126
Fruit and vegetable preparations	17	1,181	2,429,635	164,095	6,957,618	10,451,701
Miscellaneous food preparations	10	325	673,360	21,334	2,775,265	4,901,683
Slaughtering and meat packing	5	663	2,149,199	234,010	27,635,147	35,109,232
All other industries[1]	9	406	1,356,045	109,676	3,048,648	5,613,486
Totals	**124**	**4,660**	**12,002,599**	**1,012,248**	**47,878,625**	**74,134,940**
Leather Products[2]						
Totals	**7**	**285**	**742,592**	**6,346**	**1,033,703**	**2,196,331**
Textile Products (Except Clothing):						
Awnings tents and sails	5	62	164,002	5,604	87,716	373,717
Cotton yarn and cloth	6	2,289	5,239,831	351,725	9,938,474	17,026,282
All other industries[3]	14	761	2,026,180	116,849	3,966,339	9,145,787
Totals	**25**	**3,112**	**7,430,013**	**474,178**	**13,992,529**	**26,545,786**
Clothing (Textile and Fur):						
Clothing, men's factory	8	932	1,911,763	28,166	4,011,321	6,910,536
Fur goods	4	23	62,712	1,243	103,405	239,028
Hosiery	3	887	2,404,619	88,608	1,650,486	4,693,128
Other knitted goods	6	1,988	3,931,465	139,810	5,919,564	10,497,259
All other industries[4]	4	62	115,625	1,673	133,473	331,789
Totals	**25**	**3,892**	**8,426,184**	**259,500**	**11,818,249**	**22,671,740**
Wood Products:						
Boxes and baskets, wood	4	100	214,543	4,861	263,684	573,648
Furniture	29	273	821,727	32,554	603,349	1,796,820
Miscellaneous wood products	3	15	44,708	15,444	41,880	137,651
Sash, door and planing mills	11	432	1,230,400	95,388	2,228,614	4,161,752
All other industries[5]	6	145	359,263	9,520	692,117	1,298,308
Totals	**53**	**965**	**2,670,641**	**157,767**	**3,829,644**	**7,968,179**
Paper Products:						
Boxes and bags, paper	13	884	2,558,848	95,374	8,283,093	13,509,863
Miscellaneous paper goods[6]	12	935	2,685,104	128,206	7,361,031	13,980,680
Totals	**25**	**1,819**	**5,243,952**	**223,580**	**15,644,124**	**27,490,543**
Printing Publishing and Allied Industries:						
Engraving, electrotyping and stereotyping	6	127	609,926	8,466	139,690	1,056,918
Printing and bookbinding	51	615	1,976,678	48,833	2,961,284	6,094,738
Publishing only (of periodicals)	15	175	94,339	—	195,040	336,232
All other industries[7]	10	651	2,165,049	40,106	2,111,350	6,996,724
Totals	**82**	**1,568**	**4,845,992**	**97,405**	**5,407,364**	**14,484,612**
Iron and Steel Products:						
Castings iron	8	634	2,040,822	131,373	4,461,647	7,719,436
Hardware, tools and cutlery	21	766	2,638,144	106,147	2,066,686	6,405,738
Machine shops	13	151	461,315	13,132	454,634	1,244,103
Machinery, household, office and store	5	350	1,039,076	32,436	2,247,449	3,629,107
Machinery industrial	10	1,211	4,545,976	188,228	6,370,432	14,332,271
Miscellaneous iron and steel products	15	158	519,428	22,797	618,474	1,857,393
Primary iron and steel	11	12,916	50,102,269	13,258,535	97,778,752	208,162,672
Sheet metal products	20	1,683	5,478,514	236,336	11,136,073	19,977,402
Wire and wire goods	18	2,595	9,340,873	497,012	9,396,437	34,288,051
All other industries[8]	10	3,482	12,421,411	567,493	15,667,111	35,127,106
Totals	**131**	**23,946**	**88,587,828**	**15,053,489**	**150,197,695**	**332,743,279**
Transportation Equipment[9]:						
Totals	**7**	**3,004**	**11,316,088**	**662,204**	**34,702,758**	**57,713,121**
Non-ferrous Metal Products:						
Aluminum products	4	112	310,666	14,189	373,486	801,674
Brass and copper products	9	457	1,784,712	78,277	3,473,776	6,483,984
Jewellery and silverware	6	273	805,347	25,307	877,581	2,009,455
All other industries[10]	4	263	979,407	88,567	1,777,876	3,198,331
Totals	**23**	**1,105**	**3,880,132**	**206,340**	**6,502,719**	**12,493,444**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1953 — Continued

HAMILTON METROPOLITAN AREA — Concluded

Industry	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
Electrical Apparatus and Supplies[11]:						
Totals	**21**	**11,141**	**38,768,477**	**1,025,717**	**34,890,371**	**110,771,975**
Non-metallic Mineral Products:						
Concrete products	18	348	1,137,034	128,946	1,115,391	2,959,530
Clay products from domestic clay	7	193	592,987	191,144	19,395	1,463,853
Miscellaneous non-metallic mineral products	8	560	1,746,571	287,861	792,489	3,795,474
Stone products	6	119	408,583	27,459	279,622	977,715
All other industries[12]	13	1,124	3,654,016	731,252	4,288,588	12,462,997
Totals	**52**	**2,344**	**7,539,191**	**1,366,662**	**6,495,485**	**21,659,569**
Products of Petroleum and Coal[13]:						
Total	**6**	**887**	**3,217,977**	**1,445,243**	**24,111,831**	**40,778,380**
Chemical and Allied Products:						
Miscellaneous chemical products	12	223	828,945	52,662	2,989,159	5,147,006
Polishes and dressings	5	62	156,758	8,210	419,709	845,558
All other industries[14]	21	1,021	3,909,235	465,228	19,243,426	40,405,025
Totals	**38**	**1,306**	**4,894,938**	**526,100**	**22,652,294**	**46,397,589**
Miscellaneous Manufacturing Industries:						
Brooms, brushes, and mops	7	307	846,906	21,036	1,188,870	2,856,514
Scientific and professional equipment	3	12	28,872	610	10,434	50,307
Sign electric neon and others	6	63	174,501	7,090	140,843	556,714
Sporting goods	3	16	37,844	770	29,100	82,752
Toys and games	5	106	231,604	11,571	588,190	1,029,704
All other industries[15]	15	256	592,205	24,948	482,023	1,361,526
Totals	**39**	**760**	**1,911,932**	**66,025**	**2,439,460**	**5,937,517**
All Other Major Groups:						
Totals	**5**	**2,749**	**9,094,908**	**437,848**	**19,761,179**	**51,629,557**
Grand Totals, Metropolitan Hamilton	**663**	**63,543**	**210,573,444**	**23,020,652**	**401,358,030**	**855,616,562**

1. Includes: Sausage and sausage casings 2; animal oils and fats 1; butter and cheese 2; flour mills 1; breweries 1; wines 1; macaroni and kindred products 1.
2. Includes: Footwear leather 3; belting leather 2; miscellaneous leather products 2.
3. Includes: Bags cotton and jute 1; carpets, mats and rugs 1; cordage, rope and twine 1; cotton thread 1; dyeing and finishing of textiles 1; embroideries, pleating, hemstitching, etc., 2; miscellaneous textile products 3; miscellaneous woollen goods 2; narrow fabrics 1; woollen yarn 1.
4. Includes: Corsets 1; clothing, women's factory 1; hats and caps 2.
5. Includes: Coffins and caskets 2; cooperage 1; flooring hardwood 1; sawmills 1; woodturning 1.
6. Includes also roofing paper 2.
7. Includes: Lithographing 2; printing and publishing 6; trade composition 2.
8. Includes: Agricultural implements 1; boilers and plate work 3; bridge building 1; heating and cooking apparatus 2; machine toold 3.
9. Includes: Boat building 2; motor vehicles 1; motor vehicle parts 1; railway rolling stock 3.
10. Includes: White metal alloys 3; miscellaneous non-ferrous metal products 1.
11. Includes: Batteries 2; machinery heavy electrical 3; miscellaneous electrical apparatus and supplies 8; radio and radio parts 4; refrigerators, vacuum cleaning and appliances 4.
12. Includes: Abrasive products 3; asbestos products 3; glass and glass products 7.
13. Includes: Coke and gas products 4; petroleum products 1; miscellaneous products of petroleum and coal 1.
14. Includes: Acids, alkalies and salts 1; coal tar distillation 1; fertilizers 2; gases compressed 1; medicinal and pharmaceutical preparations 2; paints, varnishes and lacquers 2; soaps, washing compounds and cleaning preparations 7; toilet preparations 4; vegetable oils 1.
15. Includes: Buttons, buckles and fasteners 1; ice, artificial 3; models and patterns excluding paper 4; plastic products 3; stamps and stencils, rubber and metal 4.

The Following Municipalities are Included in Greater Hamilton

Industry	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
Burlington	25	866	2,501,492	128,512	6,377,082	11,117,131
Dundas	36	1,516	4,836,551	262,593	5,273,290	12,914,694
Hamilton	566	60,451	201,515,979	22,408,131	385,515,852	824,407,315
Waterdown	6	33	59,069	6,071	178,108	270,791
Barton Township	8	49	127,767	12,142	193,201	463,469
All other[1]	22	628	1,532,586	203,203	3,820,497	6,443,162
Totals, Metropolitan Hamilton	**663**	**63,543**	**210,573,444**	**23,020,652**	**401,358,030**	**855,616,562**

1. Includes: Burlington Beach, Stoney Creek, Ancaster Township, Flamborough East Township, Flamborough West Township, Nelson Township; Salt Fleet Township.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1953 — Continued

WINDSOR METROPOLITAN AREA

Industry	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
Food and Beverages:						
Bread and other bakery products	25	556	1,404,137	148,445	1,794,740	4,027,467
Butter and cheese	4	444	1,450,200	124,801	3,080,604	5,332,550
Carbonated beverages	6	110	284,066	39,882	583,938	1,523,256
Miscellaneous food preparations	5	28	51,343	11,808	151,263	263,415
All other industries[1]	24	1,945	6,120,059	529,209	20,880,465	49,311,142
Totals	**64**	**3,083**	**9,309,805**	**854,145**	**26,491,010**	**60,457,830**
Textile Products (except clothing)[2]:						
Totals	**9**	**1,155**	**3,246,285**	**83,068**	**6,903,257**	**12,713,901**
Clothing (Textile and Fur)[3]:						
Totals	**8**	**256**	**480,706**	**9,391**	**958,624**	**1,794,060**
Wood Products:						
Furniture	20	123	360,412	15,513	769,288	1,351,797
Sash, door and planing mills	14	93	159,519	15,484	193,768	441,815
All other industries[4]	8	99	295,934	11,285	421,530	1,267,519
Totals	**42**	**315**	**815,865**	**42,282**	**1,384,586**	**3,061,131**
Printing Publishing and Allied Industries:						
Printing and book binding	29	240	740,505	21,740	634,355	1,878,264
Publishing only (of periodicals)	8	6	11,584	—	49,555	69,103
All other industries[5]	7	413	1,628,936	35,833	1,256,005	4,636,191
Totals	**44**	**659**	**2,381,025**	**57,573**	**1,939,915**	**6,583,558**
Iron and Steel Products:						
Hardware, tools and cutlery	31	774	3,194,999	93,620	2,042,811	7,914,830
Machine shops	6	108	358,337	15,547	212,084	911,317
Machinery industrial	9	631	2,284,837	56,685	1,861,588	7,470,794
Miscellaneous iron and steel products	6	845	3,742,959	530,040	7,952,101	16,349,189
All other industries[6]	25	4,191	15,881,648	952,635	20,003,312	48,436,527
Totals	**77**	**6,549**	**25,462,780**	**1,648,527**	**32,071,896**	**81,082,657**
Transportation Equipment[7]:						
Totals	**27**	**22,920**	**89,811,557**	**3,194,283**	**319,240,941**	**478,739,311**
Non-ferrous Metal Products:						
Brass and copper products	5	126	402,760	20,625	618,563	1,662,084
All other industries[8]	8	76	216,880	7,916	428,974	854,057
Totals	**13**	**202**	**619,640**	**28,541**	**1,047,537**	**2,516,141**
Electrical Apparatus and Supplies[9]:						
Totals	**5**	**253**	**739,730**	**25,642**	**2,408,744**	**3,263,628**
Non-metallic Mineral Products:						
Concrete products	8	251	872,038	149,313	1,657,020	3,139,448
All other industries[10]	8	487	1,788,769	493,117	3,754,587	8,491,749
Totals	**16**	**738**	**2,660,807**	**642,430**	**5,411,607**	**11,631,197**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1953 — Continued

WINDSOR METROPOLITAN AREA — Concluded

Industry	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
Chemical and Allied Products:						
Medicinal and pharmaceutical preparations	9	909	3,138,298	74,680	4,493,744	15,159,551
Miscellaneous chemical products	5	28	97,835	6,814	177,566	607,824
Toilet preparations	5	14	27,782	1,150	35,718	95,153
Soaps, washing compounds and cleaning preparations	5	24	61,839	5,696	135,872	253,262
All other industries[11]	7	494	1,791,990	950,073	1,858,420	6,759,149
Totals	**31**	**1,469**	**5,117,744**	**1,038,413**	**6,701,320**	**22,874,939**
Miscellaneous Manufacturing Industries:						
Models and patterns excluding paper	3	40	151,794	2,132	36,576	254,343
Sporting goods	7	44	152,743	1,803	278,693	560,845
All other industries[12]	18	368	1,022,874	89,886	1,290,655	3,456,423
Totals	**28**	**452**	**1,327,411**	**93,821**	**1,605,924**	**4,271,611**
All other major groups[13]:						
Totals	**5**	**270**	**737,194**	**17,014**	**2,240,699**	**4,225,061**
Grand Totals, Metropolitan Windsor	**369**	**38,321**	**142,710,549**	**7,735,130**	**408,406,060**	**693,215,025**

1. Includes: Breweries 3; Confectionery 2; Dairy products other 1; distilled liquors 1; feed mills 1; feeds stock and poultry prepared 3; foods breakfast 1; fruit and vegetable preparations 7; sausage and sausage casings 2; slaughtering and meat packing 3.
2. Includes: Automobile accessories fabric 2; awnings tents and sails 2; bags cotton and jute 2; miscellaneous cotton goods 1; miscellaneous textile products 2.
3. Includes: Clothing, children's factory 1; clothing men's factory 2; fur goods 3; gloves and mittens fabric 1; oiled and waterproofed clothing 1.
4. Includes: Boxes and baskets wood 2; coffins and caskets 1; miscellaneous wood products 2; sawmills 1; woodturning 2.
5. Includes: Engraving, electrotyping and stereotyping 2; lithographing 1; printing and publishing 2; trade composition 2.
6. Includes: Agricultural implements 1; bridge building and structural steel 2; castings iron 7; heating and cooking apparatus 2; machine tools 1; machinery household office store 2; primary iron and steel 1; sheet metal products 7; wire and wire goods 2.
7. Includes: Motor Vehicles 3; motor vehicle parts 24.
8. Includes: Aluminum products 2; jewellery and silverware 3; white metal alloys 2; miscellaneous non-ferrous metal products 1.
9. Includes: Batteries 1; machinery heavy electrical 1; miscellaneous electrical apparatus and supplies 1; radios and radio parts 2.
10. Includes: Glass and glass products 3; miscellaneous non-metallic mineral products 2; salt 1; stone products 2.
11. Includes: Acids, alkalies and salts 1; gases compressed 1; paints, varnishes and lacquers 5.
12. Includes: Buckles, buttons and fasteners 1; ice artificial 3; musical instruments 1; pipes lighters and smokers supplies 1; plastic products 3; signs electric neon and others 2; scientific and professional equipment 2; stamps and stencils, rubber and metal 2; statuatory art goods and novelties 1; toys and games 1; clocks watches and watch cases 1.
13. Includes: Rubber products 2; paper products — boxes and bags paper 2; miscellaneous, paper goods 1.

The Following Municipalities are Included in Greater Windsor

Municipality	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
Riverside	8	137	399,403	35,728	866,668	1,507,145
Windsor	338	37,514	140,481,193	7,559,592	402,209,586	682,273,319
Sandwich East Township	6	25	43,453	3,551	136,615	211,248
Sandwich South Township	4	16	20,307	2,813	74,725	101,237
All other[1]	13	629	1,766,193	133,446	5,118,466	9,122,076
Totals, Metropolitan Windsor	**369**	**38,321**	**142,710,549**	**7,735,130**	**408,406,060**	**693,215,025**

1. Includes: LaSalle; Ojibway; St. Clair Beach; Tecumseh.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton Windsor, Winnipeg and Vancouver, 1953 — Continued

WINNIPEG METROPOLITAN AREA

Industry	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
Foods and Beverages:						
Bread and other bakery products	59	1,276	3,313,749	318,203	4,894,677	10,428,375
Breweries	6	583	1,946,802	161,985	2,160,434	10,611,391
Butter and cheese	10	932	2,600,696	245,851	9,131,888	13,899,196
Carbonated beverages	10	247	721,756	98,452	1,415,183	5,096,423
Confectionery	11	295	593,359	34,425	1,684,863	3,006,596
Feed mills	6	32	67,407	11,775	489,068	757,688
Feeds, stock and poultry, prepared	17	183	495,968	61,586	4,788,973	5,941,455
Flour mills	4	524	1,286,349	162,116	23,455,403	26,586,517
Fruit and vegetable preparations	9	201	415,731	42,186	1,273,337	2,124,168
Miscellaneous food preparations	23	729	1,980,912	262,282	15,692,189	21,446,855
Sausage and sausage casings	8	122	326,140	26,793	1,349,466	1,748,281
Slaughtering and meat packing	12	2,858	9,688,193	486,563	84,694,531	105,166,347
All other industries[1]	11	680	1,734,264	255,387	5,612,115	11,027,573
Totals	**186**	**8,662**	**25,171,326**	**2,167,604**	**156,642,127**	**217,840,865**
Leather Products:						
Footwear, leather	7	267	492,075	10,008	1,198,281	2,023,359
Gloves and mittens, leather	11	234	418,390	6,493	576,259	1,182,713
Miscellaneous leather goods[2]	9	175	404,118	21,249	935,032	1,579,395
Totals	**27**	**676**	**1,314,583**	**37,750**	**2,709,572**	**4,785,467**
Textile Products (Except Clothing):						
Awnings, tents and sails	5	55	99,794	5,968	342,385	478,324
Bags, cotton and jute	4	219	524,454	21,604	5,490,998	6,186,704
Embroideries, pleating and hemstitching	4	19	23,530	219	6,363	39,119
Miscellaneous textile products	11	71	148,025	2,078	335,710	612,697
All other industries[3]	6	504	1,080,029	26,766	533,091	2,624,178
Totals	**30**	**868**	**1,875,832**	**56,635**	**6,708,547**	**9,941,022**
Clothing (Textile and Fur):						
Clothing, children's factory	7	300	545,522	9,743	984,037	1,924,602
Clothing, men's factory	46	2,657	5,231,725	62,581	12,050,361	20,817,299
Clothing, women's factory	27	1,526	3,481,077	36,951	7,075,753	12,476,340
Fur dressing and dyeing	6	239	603,486	14,002	180,552	1,114,788
Fur goods	55	670	1,720,470	21,907	3,506,541	5,779,383
Hats and caps	12	374	661,262	8,501	723,264	1,703,628
Other knitted goods	5	187	370,144	8,262	936,222	1,436,340
All other industries[4]	4	39	59,673	807	32,273	124,732
Totals	**162**	**5,992**	**12,673,359**	**162,754**	**25,489,003**	**45,377,112**
Wood Products:						
Boxes and baskets, wood	4	121	292,556	14,364	351,956	811,701
Furniture	97	1,646	4,370,556	124,201	8,465,562	15,902,978
Sash door and planing mills	18	503	1,314,094	46,582	2,001,513	3,797,629
All other industries[5]	13	191	501,554	35,527	2,532,610	3,731,421
Totals	**132**	**2,461**	**6,478,760**	**220,674**	**13,351,641**	**24,243,729**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton Windsor, Winnipeg and Vancouver, 1953 — Continued

WINNIPEG METROPOLITAN AREA — Continued

Industry	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
Paper Products:						
Boxes and bags paper	8	589	1,749,657	62,017	5,521,652	8,968,105
Miscellaneous paper goods	7	184	376,014	13,279	1,142,014	1,993,787
All other industries[6]	6	205	632,683	145,828	1,759,264	4,627,185
Totals	**21**	**978**	**2,758,354**	**221,124**	**8,422,930**	**15,589,077**
Printing Publishing and Allied Industries:						
Printing and bookbinding	70	1,305	3,419,696	68,145	3,388,846	9,797,205
Printing and publishing	28	1,719	4,885,821	101,400	4,136,850	14,083,809
Publishing only (of periodicals)	87	159	254,723	—	743,235	1,173,677
All other industries[7]	10	424	1,295,661	18,763	553,627	2,285,455
Totals	**195**	**3,607**	**9,855,901**	**188,308**	**8,822,558**	**27,340,146**
Iron and Steel Products:						
Agricultural implements	13	504	1,455,144	78,290	3,125,515	7,806,578
Hardware, tools and cutlery	3	12	32,524	630	14,290	65,451
Heating and cooking apparatus	4	140	437,202	19,539	678,377	1,600,492
Machine shops	27	268	821,398	26,443	435,020	1,857,349
Machinery industrial	10	338	1,091,554	35,313	931,435	2,817,074
Miscellaneous iron and steel products	6	504	1,793,297	72,442	2,105,058	5,347,323
Sheet metal products	20	907	2,650,256	85,105	3,985,519	9,079,729
All other industries[8]	13	1,311	4,568,349	140,286	5,874,914	17,500,252
Totals	**96**	**3,984**	**12,849,724**	**458,051**	**17,150,128**	**46,074,248**
Transportation Equipment:						
Boat building	3	11	19,058	1,299	28,608	66,033
Motor vehicle parts	9	154	421,311	18,447	515,357	1,111,203
Railway rolling stock	4	6,154	19,919,048	496,762	19,935,570	40,983,287
All other industries	3	1,413	4,116,257	112,752	6,122,221	10,805,296
Totals	**19**	**7,732**	**24,475,674**	**629,260**	**26,601,756**	**52,965,819**
Non-ferrous Metal Products:						
Brass and copper products	5	160	502,660	43,862	1,882,105	3,008,712
Jewellery and silverware	3	38	88,203	1,820	95,479	301,965
Miscellaneous non-ferrous metal products[9]	3	4	3,590	405	4,857	14,735
White metal alloys	3	93	233,578	40,583	1,248,571	1,721,049
Totals	**14**	**295**	**828,031**	**86,670**	**3,231,012**	**5,046,461**
Electric Apparatus and Supplies:						
Miscellaneous electrical apparatus and supplies	7	131	370,893	19,741	826,605	1,401,421
All other industries[10]	11	645	1,757,554	59,477	3,420,625	7,357,611
Totals	**18**	**776**	**2,128,447**	**79,218**	**4,247,230**	**8,759,032**
Non-metallic Mineral Products and Products of Petroleum and Coal:						
Glass and glass products	4	38	93,848	5,896	100,960	376,984
Stone products	6	55	133,502	6,676	123,285	360,249
All other industries[11]	17	1,047	3,281,511	1,305,080	20,973,186	30,894,505
Totals	**27**	**1,140**	**3,508,861**	**1,317,652**	**21,197,431**	**31,631,738**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton Windsor, Winnipeg, and Vancouver, 1953 — Continued

WINNIPEG METROPOLITAN AREA — Concluded

Industry	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
Chemicals and Allied Products:						
Gases compressed	3	80	234,794	19,100	145,048	1,059,768
Medicinal and pharmaceutical preparations	9	135	306,412	11,667	544,425	1,633,309
Miscellaneous chemical products	7	73	174,426	6,405	680,787	980,753
Paints varnishes and lacquers	5	249	627,962	29,051	2,684,276	5,315,541
Soaps, washing compounds and cleaning preparations	6	28	56,788	7,667	119,193	287,919
All other industries[12]	9	81	192,141	33,299	1,339,313	1,823,825
Totals	**39**	**646**	**1,592,523**	**107,189**	**5,513,042**	**11,101,115**
Miscellaneous Manufacturing Industries:						
Brooms, brushes and mops	6	110	242,091	6,430	422,701	793,994
Scientific and professional equipment	9	60	154,707	3,688	100,615	304,749
Signs electric neon and other	7	153	459,471	42,667	157,926	1,326,944
Stamps and stencils, rubber and metal	6	18	46,775	505	10,654	67,584
Statuary, art goods and novelties	9	129	229,668	6,416	137,076	506,844
All other industries[13]	15	162	367,021	28,494	991,136	1,742,059
Totals	**52**	**632**	**1,499,733**	**88,200**	**1,820,108**	**4,742,174**
Grand Totals, Metropolitan Winnipeg	**1,018**	**38,449**	**107,011,108**	**5,821,089**	**301,907,085**	**505,438,005**

1. Includes: Animal oils and fats 2; biscuits 2; cheese process 1; foods breakfast 2; macaroni and kindred products 2; sugar refining 1; and also rubber products group 1.
2. Includes: Also leather tanneries 1.
3. Includes: Automobile accessories, fabric 2; carpets, mats and rugs 2; narrow fabric 1; woollen cloth 1.
4. Includes: Clothing contractors, women 1; miscellaneous clothing products 3.
5. Includes: Coffins and caskets 2; excelsior 1; miscellaneous wood products 10.
6. Includes: Pulp and paper 2; roofing paper 4.
7. Includes: Engraving electrotyping and stereotyping 6; lithographing 2; trade composition 2.
8. Includes: Boilers and plate work 1; bridge building and structural steel 3; castings iron 5, machinery, household office and store 1; primary iron and steel 1; wire and wire goods 2.
9. Includes: Also aluminum products 1.
10. Includes: Batteries 2; machinery heavy electric 2; radios and radio parts 1; refrigerators, vacuum cleaners and appliances 6.
11. Includes: Clay products from domestic clay 1; concrete products 3; gypsum products 2; lime 2; miscellaneous non-metallic mineral products 3 and coke and gas products 1; miscellaneous products of petroleum and coal 1; petroleum products 3; sand-lime brick 1.
12. Includes: Adhesives 1; coal tar distillations 2; inks 2; toilet preparations 3; vegetable oils 2.
13. Includes: Artificial flowers and feathers 1; clocks, watches and watch cases 2; ice artificial 1; lamps electric and lamp shades 2; models and patterns excluding paper 1; plastic products 4; sporting goods 1; toys and games 2; hair goods 1.

The Following Municipalities are Included in Greater Winnipeg

Industry	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	$	$	$	$
St. Boniface	91	4,511	13,963,131	1,128,044	103,964,841	134,377,531
Transcona	7	2,647	8,582,430	316,689	14,793,392	25,766,894
Winnipeg	860	28,230	76,008,218	3,266,587	156,860,845	300,186,774
Kildonan East and North Municipalities	13	343	1,224,587	627,199	13,489,501	18,881,122
All other[1]	47	2,718	7,232,742	482,570	12,798,506	26,225,684
Totals, Metropolitan Winnipeg	**1,018**	**38,449**	**107,011,108**	**5,821,089**	**301,907,085**	**505,438,005**

1. Includes: Tuxedo, St. Vital Municipality, Fort Garry Municipality, Old Kildonan Municipality, Kildonan West Municipality, St. James Municipality, Charleswood Municipality, Assiniboia Municipality.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1953 — Continued

VANCOUVER METROPOLITAN AREA

Industry	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Value of factory shipments
	No.	No.	$	$	$	$
Food and Beverages:						
Biscuits	3	38	107,897	10,332	248,096	598,038
Bread and bakery products	130	1,605	4,871,817	397,755	7,154,599	15,451,562
Breweries	3	408	1,552,141	123,546	2,188,346	10,259,270
Butter and cheese	11	1,318	3,913,964	383,234	10,507,244	16,279,387
Carbonated beverages	8	220	612,984	79,402	903,302	3,330,141
Confectionery	20	249	498,983	35,643	729,293	1,621,612
Dairy products, other	5	107	289,621	49,221	1,081,068	1,901,282
Feeds, stock and poultry, prepared	10	432	1,169,761	120,540	7,468,992	9,777,933
Fish processing	42	1,568	4,418,632	323,502	20,935,524	34,888,495
Foods, breakfast	3	15	22,857	986	65,651	99,521
Fruit and vegetable preparations	24	1,002	2,278,853	132,972	9,124,581	14,577,020
Miscellaneous food preparations	40	829	1,954,367	132,744	33,089,631	39,914,057
Slaughtering and meat packing	9	1,457	4,968,587	305,460	44,018,659	52,872,946
Sausages and sausage casings	8	106	291,421	15,475	1,094,771	1,827,115
All other[1]	10	1,204	3,625,668	410,782	14,862,491	25,172,155
Totals	**326**	**10,558**	**30,577,553**	**2,521,594**	**153,472,248**	**228,570,534**
Leather products:						
Footwear, leather	9	237	588,885	12,273	1,254,054	2,006,737
Leather gloves and mittens	4	78	171,010	2,019	220,276	442,397
All other[2]	7	157	323,250	17,995	559,617	1,200,476
Totals	**20**	**472**	**1,083,145**	**32,287**	**2,033,947**	**3,649,610**
Textile Products (Except Clothing):						
Awnings tents and sails	6	142	317,883	4,185	587,371	1,053,086
Oilcloth, linoleum and other coated fabrics	3	12	22,518	2,946	64,452	108,177
Miscellaneous textiles	6	55	104,787	5,655	383,543	624,545
All other[3]	15	407	1,006,645	79,306	3,345,614	5,181,309
Totals	**30**	**616**	**1,451,833**	**92,092**	**4,380,980**	**6,967,117**
Clothing (Textile and Fur):						
Clothing, men's factory	21	574	1,178,474	21,518	2,219,933	4,145,035
Clothing, women's factory	22	641	1,451,856	17,122	2,388,062	4,477,428
Fur goods	23	116	247,523	9,023	306,250	659,048
All other[4]	7	287	569,569	10,867	835,245	1,979,651
Totals	**73**	**1,618**	**3,447,422**	**58,530**	**5,749,490**	**11,261,162**
Wood Products:						
Boxes and baskets wood	13	73	157,091	5,013	213,885	475,004
Coffins and caskets	6	68	157,491	5,162	286,998	542,865
Furniture	136	1,784	4,859,006	133,253	7,250,510	14,530,495
Miscellaneous wood products	30	526	1,774,722	110,218	5,103,206	8,106,446
Sash, doors and planing mills	73	1,132	3,465,979	142,350	7,125,553	12,581,873
Sawmills	111	10,027	35,584,850	1,198,632	66,973,020	131,749,137
Veneers and plywood	8	3,012	9,728,295	296,193	17,200,773	41,248,558
Woodenware	4	94	201,975	6,144	229,892	495,869
All other[5]	7	162	510,537	17,759	723,858	1,379,985
Totals	**388**	**16,878**	**56,439,946**	**1,914,724**	**105,107,695**	**211,110,232**
Paper Products:						
Boxes, bags, paper	14	759	2,239,316	78,191	8,579,800	13,274,298
Miscellaneous paper goods	12	638	1,779,148	57,449	7,528,545	11,515,385
All other[6]	5	837	4,162,157	741,213	5,631,977	9,528,408
Totals	**31**	**2,234**	**8,180,621**	**876,853**	**21,740,322**	**34,318,091**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1953 — Continued

VANCOUVER METROPOLITAN AREA — Continued

Industry	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Value of factory shipments
	No.	No.	$	$	$	$
Printing Publishing and Allied Industries:						
Engraving, stereotyping and electrotyping	8	123	534,306	10,818	130,448	853,984
Lithographing	7	248	823,335	16,953	892,970	2,070,274
Printing and bookbinding	103	1,027	3,231,835	79,965	2,191,781	6,775,101
Printing and publishing	21	1,768	7,101,612	96,938	4,542,156	16,366,263
Printing (only) of periodicals	112	291	599,247	—	1,343,375	2,986,038
Trade composition	3	31	104,143	4,448	26,426	143,204
Totals	**254**	**3,488**	**12,394,478**	**209,122**	**9,127,156**	**29,194,864**
Iron and Steel Products:						
Boilers and platework	11	531	2,335,619	89,085	2,415,508	5,301,522
Castings, iron	12	413	1,434,667	45,816	798,805	3,139,179
Hardware, tools and cutlery	15	433	1,259,488	64,655	2,050,524	4,524,559
Heating and cooking apparatus	10	254	668,028	19,046	549,072	1,777,162
Machine shops	45	433	1,522,299	51,697	900,815	3,181,572
Machinery industrial	36	1,375	5,189,873	150,914	2,963,856	12,033,127
Miscellaneous iron and steel products	32	278	936,569	77,592	1,592,880	3,825,488
Primary iron and steel	6	418	1,583,570	276,374	1,798,983	5,024,551
Sheet metal products	25	803	2,869,761	126,562	9,002,288	14,064,543
Wire and wiregoods	12	300	1,045,522	42,194	2,665,673	5,033,185
All other	9	1,585	6,272,396	194,459	8,928,749	24,566,289
Totals	**213**	**6,823**	**25,117,792**	**1,138,394**	**33,667,153**	**82,471,177**
Transportation Equipment:						
Boat building	39	181	483,940	10,294	360,192	1,012,715
Motor vehicle parts	16	232	789,705	27,930	866,208	2,004,462
Ship building	19	1,836	7,079,210	226,278	3,150,898	17,621,159
All other	4	302	1,022,738	54,479	1,120,445	2,429,552
Totals	**78**	**2,551**	**9,375,593**	**318,981**	**5,497,743**	**23,067,888**
Non-ferrous Metal Products:						
Aluminum Products	7	107	348,277	18,874	421,145	1,213,163
Brass and copper products	14	217	741,709	41,266	693,237	2,007,253
Jewellery and silverware	10	59	110,853	1,840	127,486	351,636
All other[7]	3	88	272,143	28,127	997,224	1,230,247
Totals	**34**	**471**	**1,472,982**	**90,107**	**2,239,092**	**4,802,299**
Electrical Apparatus and Supplies:						
Miscellaneous electrical apparatus and supplies	11	166	521,385	21,070	2,395,907	3,606,883
Radios and radio parts	11	158	474,887	12,499	378,978	986,246
Refrigerators, vacuum cleaners and appliances	3	21	73,836	3,017	81,075	290,181
All other[8]	6	274	957,491	18,918	1,508,416	3,494,114
Totals	**31**	**619**	**2,027,599**	**55,504**	**4,364,376**	**8,377,424**
Non-metallic Mineral Products:						
Concrete products	14	417	1,415,267	208,007	2,690,018	5,139,846
Glass and glass products	8	93	228,592	9,590	208,352	488,301
Miscellaneous non-metallic mineral products	6	32	94,049	9,811	103,037	256,335
Stone products	5	70	187,090	24,494	263,483	657,319
All other	8	170	526,785	173,409	1,188,496	2,857,139
Totals	**41**	**782**	**2,451,783**	**425,311**	**4,453,386**	**9,398,940**
Products of Petroleum and Coal:						
Totals[9]	**4**	**707**	**2,706,046**	**890,562**	**21,663,455**	**28,124,170**

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1953 — Continued

VANCOUVER METROPOLITAN AREA — Concluded

Industry	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Value of factory shipments
	No.	No.	$	$	$	$
Chemicals and Allied Industries:						
Fertilizers	4	47	158,090	6,923	700,771	1,177,853
Gases, compressed	3	99	330,521	34,579	207,105	1,484,006
Medicinal and pharmaceutical preparations	6	32	78,802	2,966	129,933	279,404
Miscellaneous chemical products	16	75	216,968	9,713	772,447	1,318,666
Paints, varnishes and lacquers	11	229	675,833	36,821	1,959,246	3,872,923
Polishes and dressings	5	17	50,670	2,270	34,673	116,648
Soaps, washing compounds and cleaning preparations	14	74	211,132	7,791	287,758	1,068,258
Toilet preparations	5	8	10,960	1,312	9,212	47,252
All other[10]	8	159	471,547	75,486	4,695,155	5,965,979
Totals	**72**	**740**	**2,204,523**	**177,861**	**8,796,300**	**15,330,989**
Miscellaneous Manufacturing Industries:						
Ice, artificial	7	66	190,806	56,104	16,558	397,203
Models and patterns excluding paper	4	26	106,329	1,638	19,183	147,163
Plastic products	8	56	107,517	3,299	120,737	298,722
Scientific and professional equipment	9	36	73,437	2,744	19,722	138,094
Signs electric, neon and others	11	344	1,192,085	32,661	833,239	4,231,635
Sporting goods	9	66	132,662	7,011	224,231	413,975
Stamps and stencils rubber and metal	7	62	165,868	5,239	66,644	262,976
Statuary, art goods and novelties	9	24	42,811	1,463	16,320	80,904
All other[11]	17	247	557,229	21,764	682,002	1,501,898
Totals	**81**	**927**	**2,568,744**	**131,923**	**1,998,636**	**7,472,570**
All other Major Groups:						
Totals[12]	**5**	**48**	**128,194**	**11,721**	**76,709**	**421,326**
Grand Totals, Metropolitan Vancouver	**1,681**	**49,532**	**161,628,254**	**8,945,566**	**348,368,688**	**704,538,393**

1. Includes: Animal oils and fats 2; distilled liquors 2; flour mills 1; macaroni and kindred products 3; sugar refining 1; wines 1.
2. Includes: Miscellaneous leather products 5; leather tanneries 2.
3. Includes: Automobile accessories fabric 1; bags cotton and jute 2; cordage rope and twine 2; cotton yarn and cloth 1; embroideries pleating hemstitching etc. 3; miscellaneous cotton goods 1; miscellaneous woollen goods 2; woollen cloth 3.
4. Includes: Hats and caps 1; hosiery 3; misclothing 1; knitted goods 2.
5. Includes: Beekeepers and poultrymen's supplies 1; cooperage 2; flooring hardwood 1; wood turning 3.
6. Includes: Pulp and paper 3; roofing paper 2.
7. Includes: White metal alloys 2; miscellaneous non-ferrous metal products 1.
8. Includes: Batteries 4; heavy electrical equipment 2.
9. Includes: Coke and gas products 1; miscellaneous products of petroleum and coal 3.
10. Includes: Acids, alkalies and salts 1; adhesives 3; coal tar distillations 1; primary plastics 2; vegetable oils 1.
11. Includes: Brooms, brushes and mops 5; fountain pens and pencils 1; hair goods 2; lamps electric and lamp shades 3; musical instruments 1; toys and games 1; umbrellas 3; typewriter supplies 1.
12. Includes: Tobacco and tobacco products 2; rubber products 3.

The Following Municipalities are Included in Greater Vancouver

Industry	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Value of factory shipments
	No.	No.	$	$	$	$
New Westminster	125	6,382	20,429,568	1,283,140	58,526,637	111,470,580
North Vancouver	58	2,205	8,430,582	365,325	11,116,092	28,955,571
Port Coquitlan	5	50	153,573	23,205	239,602	434,315
Port Moody	6	561	1,864,037	14,775	3,340,763	6,651,394
Vancouver	1,316	33,822	108,896,725	5,448,266	255,906,780	448,591,543
Burnaby District	49	2,051	7,545,006	704,480	20,965,049	42,867,357
Coquitlam District	5	9	7,580	680	19,060	34,060
North Vancouver District	19	319	1,098,632	85,845	1,957,969	4,148,355
Richmond District	49	2,101	7,075,201	899,121	21,769,903	38,963,220
All other[1]	49	2,032	6,127,350	120,729	10,526,833	22,421,998
Totals, Metropolitan Vancouver	**1,681**	**49,532**	**161,628,254**	**8,945,566**	**384,368,688**	**704,538,393**

1. Includes: Fraser Mills Municipality; Survey District Municipality; University Endowment Area; West Vancouver District Municipality.

APPENDIX II

Alphabetical List of the Products Reported as having been Manufactured in Canada in 1953

The appended list of the products of Canadian manufacturing industries presents the value and in most cases the quantity of the individual products in a much more detailed form. Prior to 1927, in presenting statistics of manufacturing production, the whole production of an establishment was taken as a unit. This not only prevented the presentation of production figures for specific products in detail, but also involved numerous inaccuracies in the production statistics of classes of commodities, owing to the fact that commodities which may be the major line of production in one establishment may also be products of secondary importance in another establishment where the major line of production puts the establishment into a different class. The statistics which follow, however, have been compiled by taking from the individual returns of each of the 38,107 manufacturing establishments covered, the value and, when given, the quantity of each commodity specified as produced by the establishment. In this way, detailed production figures are obtained for specific commodities and, furthermore, the total production of each commodity is brought together, no matter how varied may be the operations in different establishments producing it. Nevertheless it should be pointed out to those making use of these figures that there is one element of incompleteness about them. In the returns of many manufacturers, products of minor importance are grouped under the name "all other products". As will be seen from the group at the end of the list, the value of products not specified, while they may appear unimportant to the individual manufacturer, are, in the aggregate, a large amount, especially in the industries of two of the larger groups. It is obvious that one manufacturer may consider a product of insufficient importance to report separately for his establishment, while that same product may be reported separately by other establishments. In other words, included in the value of other products not specified at the end of the list, there are doubtless values which, had the products been specified by manufacturer, would have been included in the values of commodities appearing on the list. However, the products not specified total only about 1.9 per cent in value of the whole manufacturing production, although in the iron and steel group this proportion is 6.8 per cent and in transportation equipment 4.7 per cent. With the exception of these groups, therefore, the incompleteness of the figures on this account is insignificant.

There is no duplication in the listing of products, nor do any of the items, include products listed in more detail under another name. It is possible, however, that essentially the same commodity produced in different establishments may have been called by different names; in such a case, which is probably a very rare one, the items would appear separately in the following list.

It should be noted that a shipment's concept instead of the value of production concept was adopted in 1952. The new concept was applied to a large number of industries where it was known that inventory changes from year to year was only of a minor nature. The new concept was extended to other industries in 1953 and it is hoped to convert all industries to the shipment's concept by 1954. The alphabetical list of products for 1953, therefore, refers to commodities shipped and not to the value of commodities produced.

Alphabetical List of Commodities, 1953

Note: In 1952 and subsequent years the basis of collection is "Value of Factory Shipments" instead of "Gross Value of Products". However, the commodities marked* are still on a production basis.

Items	Unit of measure	Quantity	Value of factory shipments
			$
Abrasive cloth	—	—	1
Abrasive paper	—	—	1
Abrasive wheels and segments	—	—	5,073,340
Absorbent cotton	—	—	1
Accelerators, synthetic	—	—	1
Acetaldehyde	—	—	1
Acetic anhydride	—	—	1
Acetone	—	—	1
Acetylene in cylinders or pipe line	cu. ft.	283,310,482	6,042,186
Acid, acetic, glacial, 99½%	—	—	1
Acid, citric	—	—	1
Acid, cresylic	—	—	1
Acid, fatty, cocoanut, tallow, etc.	lb.	8,332,949	948,828
Acid, hydrochloric (muriatic)	—	—	1
Acid, hydrofluosilicic	—	—	1
Acid, monochloro acetic	—	—	1
Acid, nitric	—	—	1
Acid, phosphoric	—	—	1
Acid, stearic	—	—	1
Acid, sulphuric:			
Quantity made*	lb.	1,645,216,590	—
Quantity shipped	"	1,452,900,263	9,104,854
Acids, not specified	—	—	697,158
Adhesives, n.e.s.	—	—	1,921,517
Advertising matter, printed, n.e.s.	—	—	41,232,621
Advertising novelties and displays (see "Displays" and "Novelties")			
Agitators, mining and metallurgical	—	—	1
Agricultural implements and parts, n.e.s.	—	—	13,660,007
Air conditioning equipment n.e.s.	—	—	2,823,096
Aircraft and parts:			
Aircraft completed during the year*	—	—	174,847,321
Aircraft being built but not completed*	—	—	74,313,983
Aircraft repairs (value of work done)*	—	—	28,257,062
Aircraft parts manufactured*	—	—	54,084,579
Value of work done on developing aircraft and engines, including other products n.e.s.*	—	—	135,037,964
Value of work done in 1952 on aircraft completed in 1953*	—	—	65,270,503
Albumen, (included in "Egg substitute")			
Alcohol, butyl	—	—	1
Alcohol, industrial, (produced)*	pf. gal.	6,206,226	2,163,114
Alcohol, industrial, (sold):			
Denatured:			
Antifreeze	st. gal.	487,744	611,912
Perfume manufacturing	" "	210,873	245,323
Rubbing alcohol	" "	129,773	124,555
Solvents and cleaning fluids	" "	1,781,254	1,372,034
Other, including that for hospitals, research, etc.	" "	770,419	557,668
Not denatured	pf. gal.	3,777,018	1,651,349
Alcohol, isopropyl	—	—	1
Alcohol, polyvinyl	—	—	1
Alkylate	—	—	1
Alkylation feed stocks	—	—	1
Alloys, cutting	—	—	1
Alloy, die casting	lb.	11,615,920	1,670,720
Almond paste	"	245,351	72,350
Alumina, fused (crude)	—	—	1
Alumina, fused (abrasive grains)	—	—	1
Alumina, hydrate	—	—	1
Aluminum bars, rods and ingots	—	—	1
Aluminum fluoride	—	—	1
Aluminum sulphate	—	—	1
Aluminum products, not elsewhere specified	—	—	15,367,620
Ammonia, anhydrous	—	—	1
Ammonia, aqua	—	—	1
Ammonia, powder	lb.	1,747,152	151,725
Ammonium chloride	"	4,653,505	367,094
Ammonium nitrate (regular)	—	—	1
Ammonium nitrate (fertilizer grade)	—	2	2
Ammonium phosphate	—	2	2
Ammonium sulphate, other than milled, screened and bagged	—	2	2
Ammonium sulphate, milled, screened and bagged	ton	574	38,173
Ammunition (see "Munitions and war supplies")			
Antibiotics, including penicillin and streptomycin, etc.	—	—	5,180,935
Anti-freeze preparations, glycol type	gal.	3,774,823	9,158,696
Anti-freeze, alcohol type (see "Alcohol, industrial, denatured, sold")			
Apple butter*	lb.	62,628	11,605
Apple juice (included in "Fruit Juices")			
Apple juice concentrate	—	—	1
Apple pomace, chop and waste*	lb.	2,599,552	70,677
Apples, evaporated and dehydrated*	"	706,997	189,847
Aprons, oiled and rubberized	doz.	2,118	48,731
Aprons, fabric:			
Children's	"	9,132	44,983
Men's and youths'	"	17,690	220,136
Women's and misses'	"	157,912	944,480
Not specified	"	14,962	135,137
Aprons, plastic	"	77,299	254,972
Archery tackle	—	—	1

1. Indicates the commodity was reported by only one or two concerns.
2. Included in "Fertilizers, other than mixed".

Alphabetical List of Commodities, 1953 — Continued

Items	Unit of measure	Quantity	Value of factory shipments
			$
Armlets and sleeve supporters	doz.	16,914	35,367
Artists' brushes (included in "Brushes, other not specified")			
Artware, pottery (see also "Pottery")	—	—	274,111
Art needlework	—	—	172,720
Art work (printing)	—	—	3,621,000
Asbestos products, including clutch facings	—	—	7,434,147
Asphalt*	—	—	24,184,569
Asphalt emulsion	gal.	11,187,281	2,087,602
Asphalt products, n.e.s.	—	—	1,139,234
Atomizers	—	—	1
Automobiles, commercial:			
5,000 lbs. or less:			
For sale in Canada	No.	52,813	69,880,478
For export	"	9,247	6,446,276
5,001 to 10,000 lbs.:			
For sale in Canada	"	18,987	31,101,981
For export	"	2,270	1,896,223
10,001 to 14,000 lbs.:			
For sale in Canada	"	3,725	5,814,284
For export	"	1,492	1,720,392
14,001 to 16,000 lbs.:			
For sale in Canada	"	11,639	23,647,764
For export	"	6,577	7,794,364
16,001 to 19,500 lbs.:			
For sale in Canada	"	8,315	19,818,106
19,501 to 26,000 lbs.:			
For sale in Canada	"	4,080	19,353,534
For export	"	216	433,630
Over 26,000 lbs.:			
For sale in Canada	"	576	4,347,087
Automobiles, passenger:			
Convertible cars:			
Soft top:			
For sale in Canada	No.	1,690	3,589,626
Hard top:			
For sale in Canada	"	16,195	30,088,617
For export	"	41	67,222
Permanent closed cars:			
Coupe:			
For sale in Canada	"	12,887	19,374,343
For export	"	129	172,961
2 Door Sedan:			
For sale in Canada	"	71,902	102,393,765
For export	"	58	79,361
4 Door Sedan:			
For sale in Canada	"	210,450	338,865,599
For export	"	24,019	25,737,181
Station wagon type:			
For sale in Canada	"	2,768	4,518,289
For export	"	99	159,991
Other models:			
For sale in Canada	"	4,043	6,800,636
Chassis (sold without bodies):			
For sale in Canada	"	2	1,649
For export	"	16,102	7,674,761
Buses or coaches:			
Complete:			
For sale in Canada	"	375	6,370,438
Chassis only	"	262	458,392
Automobiles, not specified	—	—	7,500
Automobile,bus and truck bodies and cabs	—	—	18,345,086
Automobile bumpers and bumperettes	—	—	7,118,336
Automobile cloth	sq. yd.	2,053,899	4,856,798
Automobile headlights and parts	—	—	4,383,054
Automobile parts and accessories, not specified	—	—	199,690,575
Awnings, aluminum	—	—	1,874,691
Awnings and verandah curtains, fabric	—	—	2,004,477
Axes and hatchets	No.	493,839	815,027
Axles and shafts, automobile	—	—	14,488,686
Axles, not specified	—	—	3,785,759
Babies' high chair sets, commodes and other baby supplies	—	—	1,756,129
Babbitt metal	lb.	2,879,263	1,168,778
Badges (included under "Regalia")			
Bags:			
Cosmetic, plastic	—	—	169,008
Cotton	No.	46,282,578	10,689,304
Jute	"	67,903,468	12,317,543
Garment, fabric	doz.	41,750	667,435
Garment, plastic	"	121,697	775,371
Hand, leather	No.	758,257	3,579,293
Hand, other	—	—	4,185,769
Hand, parts	—	—	280,892
Shopping, sports, etc., leather	No.	36,840	561,355
Shopping, sports, etc., fabric	"	169,589	345,324
Sleeping	"	35,137	886,305
Club bags, suit cases and other hand luggage	—	—	6,122,279
School bags	No.	342,013	643,797
Fabric bags, not specified	—	—	1,326,194
Fabric bags, repaired	—	—	1,061,141

1. Indicates the commodity was reported by only one or two concerns.

Alphabetical List of Commodities, 1953 — Continued

Items	Unit of measure	Quanity	Value of factory shipments
			$
Bags, paper:			
Glassine and cellophane	—	—	7,038,043
Millinery, garment and laundry	—	—	1,716,932
Self-opening	—	—	7,675,323
Tea bags, individual	—	—	1
Wedge, including notion and novelty bags	—	—	2,332,308
Paper, not specified, including multiwall	—	—	30,341,399
Bags, plastic (see also "Bags, cosmetic" and "Bags, garment")	—	—	1,931,411
Bags, rubber, air and steam*	—	—	1
Bags, rubberized, n.e.s.*	—	—	1
Bakers' equipment (see also "Machinery, bakers')	—	—	198,784
Bale ties — Quantity made	ton	2,741	—
Quantity shipped	"	2,791	516,781
Balls, grinding	—	—	3,276,665
Ball and rod mills, grinding	—	—	965,603
Balloons*	gr.	111,484	334,011
Balls, baseball	doz.	21,496	317,954
Balls, golf, complete	"	113,327	725,431
Balls, softball	"	23,050	301,370
Balls, other, including bladders, centres etc.*	—	—	871,553
Barley, pot and pearl	ton	2,429	267,044
Barn and stable equipment, not elsewhere specified	—	—	1,915,792
Barrels, wooden:			
Apple, etc.	No.	440,080	845,339
Fish, slack	"	41,368	84,264
Fish, tight	"	81,851	228,770
Flour, sugar etc.	"	77,561	148,145
Oil, vinegar, water, etc.	"	142,345	969,399
Whiskey, beer, etc.	"	41,779	883,276
Barrels, steel	"	907,304	3,244,070
Barrels, repaired, etc.	—	—	607,705
Barrels, n.e.s.	—	—	21,726
Bars and ingots, aluminum (see "Aluminum bars, rods and ingots")			
Bars and rods, brass and bronze	—	—	1
Bars, iron and steel:			
Hot rolled, of all grades:			
Quantity made	net ton	560,785	—
Quantity shipped	"	427,700	57,200,781
Cold rolled and drawn:			
Quantity made	"	45,954	—
Quantity shipped	"	46,094	10,971,376
Not specified, shipped	"	186,893	21,544,099
Basket bottoms	—	—	285,474
Baskets and crates, fruit and vegetable	—	—	3,066,078
Baskets, other, not specified	—	—	539,206
Bathing caps	doz.	25,507	122,543
Bathing shoes	—	—	1
Bathing suits	doz.	118,373	4,364,390
Bath mats and sets	—	—	266,446
Bathrobes, kimonos, lounging jackets etc.:			
Cotton:			
Women's and misses'	doz.	25,018	1,185,490
Children's	"	9,728	212,116
Rayon and silk:			
Women's and misses'	"	23,169	1,879,274
Men's and youths'	"	6,924	724,966
Children's	"	618	20,828
Wool and flannel:			
Women's and misses'	"	7,424	770,010
Men's and youths'	"	7,565	963,802
Children's	"	1,285	47,425
Not specified:			
Women's and misses'	"	4,770	397,498
Men's and youths'	"	4,630	209,664
Other	"	2,934	158,108
Bats, baseball	No.	207,511	164,802
Batteries:			
Storage, for automobiles and other internal combustion engines	"	1,769,708	16,641,612
Storage, for railway service (cells)	"	17,388	697,557
Storage, for farm lighting plants (cells)	"	29,331	310,153
Storage, for direct motive power (industrial trucks, mine locomotives, etc.)	"	2,847	1,440,212
Storage, for all other purposes	—	—	807,176
Dry cell, 6 in. batteries	No. of cells	1,996,054	1,001,833
Dry cell, radio, for portable sets	"	13,616,104	721,463
Dry cell, radio, for non-portable sets	"	33,740,178	3,097,558
Dry cell, flashlight	"	25,468,219	2,396,476
Dry cell, hearing aid "A"	—	}	
Dry cell, hearing aid "B"	—	} —	552,783
Dry cell, all other	—	}	
Parts and supplies for batteries	—	—	2,759,164
Battery containers, covers, etc.*	No.	7,584,400	2,669,746
Batts, wadding, and rolls including auto batts (see also "Flocks")	—	—	5,567,163
Bearings, ball, roller, pillow blocks, engine and other bearings, not specified	—	—	7,536,110
Beauty parlour equipment (see also "Hair dressing accessories")	—	—	364,134
Beds and couches:			
Beds, metal	No.	159,455	2,199,833
Studio couches, metal and other	"	74,180	4,722,379
Couches, other than studio, metal	"	37,531	548,858
Cots and bunks, metal	"	84,346	765,612
Cribs, metal	"	26,652	267,406

1. Indicates the commodity was reported by only one or two concerns.

Alphabetical List of Commodities, 1953 — Continued

Items	Unit of measure	Quantity	Value of factory shipments
			$
Beds, camp	No.	4,202	51,772
Bedspreads and bed sets:			
Cotton	"	330,004	2,081,835
Silk, rayon and rayon mixtures	"	210,113	663,560
Not specified	—	—	75,050
Beef extract	—	—	1
Beekeepers' supplies, n.e.s.	—	—	168,099
Beer, ale, stout and porter (sales):			
Bottled and canned	gal.	156,714,531	266,802,904
Draught	"	50,193,683	57,401,035
Beer, spruce	—	—	1
Beet pulp, wet and dried	ton	136,543	2,222,358
Belting, leather (transmission)	lb.	257,881	1,115,774
Belting, rubber*	"	6,233,189	6,068,090
Belts, automobile, fan*	No.	1,538,547	925,149
Belts, body, not specified	—	—	4,674,351
Belts, rubber, other*	No.	1,822,162	2,449,690
Belts and aprons, sanitary	—	—	358,712
Benzol	—	—	4,364,751
Bicycles	No.	101,615	3,566,507
Bicycle parts	—	—	430,369
Billiard and bowling supplies, n.e.s.	—	—	1,913,987
Binders, loose-leaf and other	—	—	3,564,323
Binders, corn	No.	91	39,194
Binders, grain	"	1,763	800,916
Binding and stitching (trade work)	—	—	2,812,780
Bindings (see also "Tapes"):			
Cotton	—	—	939,795
Silk, rayon and rayon mixtures	—	—	305,011
Other	—	—	88,271
Bins and hoppers	—	—	1,270,627
Biologicals and vaccines	—	—	3,267,902
Biscuits, plain and fancy	lb.	193,202,712	59,588,348
Biscuits, soda	"	46,237,875	10,836,611
Black, acetylene	—	—	1
Black (carbon black)	—	—	1
Blackboards, asbestos and other	—	—	1
Blankets:			
Cotton and cotton mixtures	pr.	1,814,382	—
	lb.	6,597,541	7,651,297
All wool	pr.	292,466	—
	lb.	2,003,080	3,722,842
Other, including crib	—	—	1,403,204
Slumber throws	No.	57,431	216,182
Blankets, electric	"	13,990	328,763
Blankets and covers, horse	"	6,784	51,376
Blankets, rubber, printers'*	lb.	92,517	147,435
Bleaching compounds	—	—	1
Blinds, venetian (see "Shades and blinds")			
Blood, animal, dried, edible	—	—	1
Blood, animal, dried, inedible	lb.	3,484,108	163,685
Blooms, billets, slabs and sheet bars, (including, blanks):			
Quantity made	net ton	2,870,860	—
Quantity shipped	"	279,986	25,228,604
Blouses, women's, misses' and children's:			
Cotton, women's and misses'	doz.	249,075	4,889,714
Cotton, children's	"	88,496	1,220,140
Nylon, children's	"	32,313	630,763
Nylon, women's and misses'	"	210,618	6,569,803
Rayon, women's and misses'	"	76,975	2,369,971
Rayon, children's	"	9,275	173,978
Rayon mixtures, women's and misses'	"	117,452	3,027,155
Rayon mixtures, children's	"	7,158	137,693
Woollen, women's and misses'	"	31,170	1,062,571
Woollen, children's	"	1,827	37,056
Other, women's and misses'	"	13,894	427,393
Other, children's	"	63	2,523
Blow torches	—	—	1
Blowers for domestic furnaces	No.	32,878	814,416
Blue, laundry	—	—	1
Boats, life and whale	No.	111	199,318
Boats, motor	"	607	2,049,343
Boats, outboard motor	"	9,853	2,288,668
Boats, sail	"	126	83,260
Boats, other including row boats, skiffs, etc., (see also "Canoes")	"	12,464	1,673,549
Boat parts	—	—	1
Boiler compound	—	—	1
Boilers, heating, all types	No.	19,017	7,491,265
Boilers, power	—	—	10,981,438
Boilers, range and wash	—	—	3,285,671
Boilers, not specified	—	—	10,841
Boiler and engine parts and accessories	—	—	3,792,952
Bologna, weiners, and blood puddings	lb.	104,751,252	29,716,659
Bolt, nuts and rivets	—	—	19,615,115
Bone and meat meal and flour	lb.	18,603,938	799,636
Bone, raw, ground, etc.	"	43,055,339	816,164
Book cloth, pyroxylin coated (included in "Fabrics, coated and impregnated")			
Books, printed and bound, chiefly for advertising	—	—	3,593,243
Books, printed and bound, not chiefly for advertising	—	—	13,705,927
Books and pads, drawing, exercise, scribblers, etc., not elsewhere specified	—	—	3,509,468

1. Indicates the commodity was reported by only one or two concerns.

Alphabetical List of Commodities, 1953 – Continued

Items	Unit of measure	Quanity	Value of factory shipments
			$
Books, ledger and account	–	–	1,228,855
Books, counter, check, sales, etc.	–	–	2,675,913
Books, blank, bound, not specified	–	–	1,821,879
Boron carbide	–	–	1
Bottles, paper, milk	–	–	1
Bottles, plastic	–	–	1
Bottles, thermos	–	–	1
Bowling supplies (included in "Billiard and bowling supplies")			
Box toes	pr.	11,894,793	415,417
Boxes, paper:			
Corrugated, including wrappers, etc. (see also "Wrappers")	–	–	76,601,265
Fibre board	–	–	1,413,185
Folding	–	–	50,142,377
Set-up	–	–	15,307,773
Not specified	–	–	41,389
Boxes, plastic	–	–	418,281
Boxes, wooden:			
Apple	No.	287,909	126,602
Berry	"	24,217,172	356,250
Butter	"	1,174,915	843,902
Cheese	"	578,648	355,887
Cigar	–	–	1
Fish	No.	1,214,567	921,946
Meat	"	766,117	574,923
Plywood	"	366,732	1,347,540
Veneer	"	2,488,099	3,323,678
Not specified	–	–	5,253,197
Boxes, other, not specified	–	–	1,453,327
Box panels, plywood	–	–	323,149
Braids and gimps	–	–	1,395,569
Brake fluid	–	–	833,778
Brake beams (railway car)	–	–	996,461
Brakes, auto, and parts	–	–	4,782,465
Brakes, brake shoes and parts (railway car)	–	–	2,712,947
Bran	ton	329,587	15,798,793
Brass and bronze ingots	"	15,091	7,361,334
Brass and bronze products, not specified	–	–	1,844,633
Bread*	ton	778,771	171,795,150
Breakfast foods (see "Cereal products")			
Brewery and distillery equipment, n.e.s.	–	–	1,511,312
Bricks, cement	M.	79,659	3,013,202
Bricks, domestic clay	"	426,683	18,371,648
Bricks, sand-lime	"	44,119	1,266,529
Briquettes, coal and coke	–	–	1
Bronze ingots (see "Brass and bronze ingots")			
Brooms:			
Corn	doz.	245,496	3,000,402
Fibre	"	28,547	359,062
Hair	"	3,031	128,243
Toy	"	12,930	47,996
Other	"	10,466	193,043
Brushes:			
Clothes	"	23,428	157,448
Cosmetic	"	80,222	355,187
Generator and motor	–	–	896,895
Hair	doz.	156,705	934,601
Nail	"	126,585	152,394
Paint	"	416,613	3,886,656
Shaving	"	31,889	360,185
Shoe	"	45,580	124,654
Tooth	"	392,256	659,294
For household purposes	"	650,868	1,291,507
For industrial use	"	254,774	1,434,241
Other, not specified	–	–	511,513
Brush blocks, backs, etc.	–	–	104,224
Buckles, clips, etc.	–	–	392,389
Buffing composition	–	–	407,167
Buffs, polishing, cotton	–	–	913,530
Building blocks, hollow, cement, cinder, sand-lime, etc.	M.	115,319	25,352,466
Buildings (houses, etc., prefabricated)	–	–	7,354,974
Bungs, barrel	–	–	52,071
Buns*	–	–	27,015,673
Burlap products	–	–	23,550
Burners, not specified	No.	7,185	172,201
Butane (included in "Gases, liquifying petroleum")			
Butter, whey, factory made	lb.	1,815,393	946,175
Butter, other, factory made	"	302,732,602	178,814,700
Buttons:			
Celluloid	–	–	376,426
Covered	gr.	50,300	63,900
Plastic	–	–	1,010,922
Metal	gr.	564,256	445,619
Moulded	"	4,126,605	1,607,494
Pearl	"	137,990	205,785
Not specified	–	–	486,707
Button covering, hemstitching, etc.	–	–	1,528,205
Butyl acetate	–	–	1
Butyraldehyde	–	–	1
Cabinets, ice cream	No.	5,089	1,794,055
Cabinets, phonograph, radio and television	–	–	12,386,509
Cabinets, silverware	–	–	1

1. Indicates the commodity was reported by only one or two concerns.

Alphabetical List of Commodities, 1953 — Continued

Items	Unit of measure	Quantity	Value of factory shipments
			$
Cabinets, other, including shower	—	—	682,731
Caffeine	—	—	1
Calcium acid phosphate	—	—	1
Calcium carbide	—	—	1
Calcium chloride	—	—	1
Calcium cyanamide (included in "Fertilizers, other than mixed)			
Calcium manganese silicon	—	—	1
Calcium naphthenate	—	—	1
Calks, horseshoe	—	—	32,681
Camel back	lb.	7,956,515	2,989,283
Cameras	—	—	1
Candles and cierges:			
Household	—	—	431,524
Church, chapel and synagogue	—	—	1,963,875
Wax lights in tumblers	—	—	1
Candy sticks	—	—	109,542
Canoes (see also "Boats")	—	—	258,751
Cans, metal, cream and milk	No.	85,801	700,693
Cans, metal, for food	—	—	52,876,812
Cans, metal, non-food	—	—	21,432,133
Cans, garbage and ash	—	—	1,582,971
Cans, paper or fibre with metal ends	M.	95,581	2,444,345
Cans, all paper or fibre	—	—	1
Canvas and canvas goods, not elsewhere specified	—	—	1,032,186
Capacitors, (Static condensers for power factor correction)	—	—	503,674
Caps:			
Cloth	doz.	259,896	2,724,059
Cotton	"	70,551	167,091
Fur	"	2,564	61,154
Leather	"	7,195	104,735
Sport	"	127,266	1,067,836
Uniform	"	44,994	1,021,159
Not specified	"	14,433	90,165
Caps, bottle:			
Metal, all kinds	—	—	11,789,398
Paper, milk bottle	—	—	1,457,903
Plastic	—	—	744,392
Not specified	—	—	267,176
Caramel butter	—	—	1
Carbon dioxide (cylinders and solid)	—	—	1
Carbon bisulphide	—	—	1
Carbon tetrachloride	—	—	1
Carbon products, not specified	—	—	564,859
Carboxel (sodium carboxymethyl cellulose)	—	—	1
Cards, greeting	—	—	11,730,002
Cards, playing	—	—	1
Cards, visiting	—	—	130,702
Carpets, mats, and rugs:			
Carpets in rolls, including stair:			
Axminster	carpet yard	590,274	2,224,165
Tapestry	"	486,740	1,485,279
Wilton	"	520,410	3,384,755
Other, not specified	"	57,673	250,498
Carpets in squares, 4'6" x 7'6" or larger:			
Axminster	"	611,398	2,391,813
Wilton	"	211,540	1,308,930
Not specified	"	68,319	274,236
Small squares and runners:			
Axminster	"	75,479	305,345
Wilton	"	57	357
Other	"	34,535	159,476
Cocoa mats and matting	—	—	1
Rugs, wool, cotton, hooked, etc.	—	—	1,487,360
Rugs, made from old carpets	—	—	288,618
Carpet sweepers	—	—	1
Carriages, sulkies, etc., baby	No.	146,468	2,633,829
Carriages, doll	"	144,989	748,250
Carriages and wagons, complete (see "Vehicles, Wheeled")			
Carriage and wagon bodies and boxes	—	—	91,892
Carriage and wagon materials	—	—	47,882
Cars, steam, railway, new	No.	8,464	85,879,182
Cars, dump, hand, push and other not specified	"	1,610	1,752,399
Carts, concrete	—	—	62,543
Carvings, wood and other	—	—	11,126
Casein, dried	lb.	5,271,711	1,040,222
Casein, green	"	3,018,259	295,676
Cases, clock	—	—	1
Cases, jewellery	—	—	1,313,244
Cases, key, card, cigarette, utility, etc.	No.	761,603	824,118
Cases, portfolios, brief, etc.	"	203,134	1,167,292
Cases, toiletware	—	—	1
Cases, other, not specified	—	—	200,246
Caskets and coffins (completely assembled):			
Wooden, hardwood	No.	37,892	3,487,028
" imitation hardwood	"	5,425	291,279
" cloth covered	"	66,958	3,328,931
" not specified	"	1,247	71,570
Metal	"	961	209,951
Shells and rough boxes	"	80,450	960,117
Casks, fish	"	47,763	156,032
Casks, other	"	1,426	10,793

1. Indicates the commodity was reported by only one or two concerns.

Alphabetical List of Commodities, 1953 — Continued

Items	Unit of measure	Quantity	Value of factory shipment
			$
Castings:			
Aluminum	lb.	13,614,644	10,252,019
Brass and bronze	"	37,100,772	16,268,642
Copper	"	133,225	108,615
Die	"	15,457,459	9,176,503
Grey iron	—	—	44,244,487
Magnesium	lb.	1,097,881	4,691,596
Malleable iron	ton	28,551	8,897,592
Iron, not specified	"	1,616	460,855
Lead	—	—	1
Steel:			
Quantity made	ton	106,520	—
Quantity shipped	"	101,217	42,203,929
Castings, not specified	—	—	3,705,514
Castors, all kinds	—	—	1,359,946
Catalogues, printed, etc.	—	—	14,694,918
Catsup (see "Tomato Catsup")			
Caulking materials	—	—	1
Ceiling and siding, metal	—	—	241,533
Cellulose products, n.e.s.	—	—	1
Cement, asbestos	lb.	5,882,569	339,531
Cement, hydraulic (including containers)	—	—	62,227,924
Cement, linoleum	—	—	480,088
Cement, rubber	—	—	563,199
Cement, not specified	—	—	1,515,390
Cereal products:			
Prepared (ready to serve)	lb.	72,887,867	20,572,625
Unprepared	"	18,820,485	1,922,904
Not specified	"	3,524,000	223,684
Certificates, stock, bond, etc. (printed)	—	—	2,632,595
Chains, automobile	—	—	1
Chains, other than automobile, including sprocket chain	—	—	5,252,173
Chamois products	—	—	401,509
Chaplets, foundry	—	—	1
Charcoal	ton	7,258	477,573
Cheese, Canadian Cheddar	lb.	76,965,470	22,536,328
Cheese, other, whole milk	"	6,319,654	2,892,588
Cheese, skim milk and cottage	"	12,641,971	2,320,426
Cheese, process	"	45,299,016	17,379,982
Cheesecloth	yd.	1,252,697	574,007
Chemical products, not elsewhere specified	—	—	4,208,177
Cheques, notes, drafts, bank notes, etc., printed	—	—	3,274,313
Chests, cedar and other	No.	40,443	1,496,360
Chewing gum	box	13,358,390	8,621,910
Chicken, canned (see "Meats, canned")			
Chicory, roasted	—	—	1
Children's sleepers (see also "Infants' wear—Sleepers")	doz.	64,828	795,230
Children's waists n.e.s.	"	6,165	37,789
Chlorids of lime	lb.	516,441	76,152
Chlorine, liquid	"	191,333,556	5,752,278
Chloroform	—	—	1
Chocolate coating:			
Liquor	—	—	1
Sweetened:			
For own use	lb.	11,459,667	—
For sale	"	11,564,572	4,546,133
Choppers and grinders, food	No.	18,531	328,807
Cider (for sale)	imp. gal.	95,979	51,205
Cigars	M.	236,248	18,233,475
Cigarettes	"	21,156,092	289,424,673
Cisterns	—	—	52,137
Classifiers, metal-working	No.	17	221,429
Clay, bentonite and other	—	—	473,902
Cleaners, vacuum and parts	—	—	7,944,520
Cleaner, hand	lb.	1,558,601	234,997
Cleaner, automobile, fabric, floor, etc.	—	—	1,204,601
Cleaning and scouring powders and pastes	lb.	36,687,537	4,447,911
Cleaning preparations, n.e.s.	—	—	2,409,871
Clips and staples, wire	—	—	529,761
Clocks	—	—	3,862,182
Cloth, gummed	—	—	1
Clothes hampers	—	—	283,044
Clothes driers, electric	No.	13,318	1,930,639
Clothes pins, wood	—	—	681,974
Clothes pins, plastic	—	—	1
Clothing, hospital	—	—	1,002,749
Clothing, military (see "Jackets", "Pants" and "Suits")			
Clothing, oiled and waterproofed (see also "Raincoats and pants, rubberized and oiled")	—	—	615,492
Clothing, plastic, n.e.s. (see also "Aprons", "Raincoats and Capes")	—	—	67,940
Clothing, rubber n.e.s.	—	—	321,045
Clothing, safety	—	—	478,599
Clothing, n.e.s.	—	—	1,655,896
Clothing, sport:			
Shorts:			
Women's and misses:			
Cotton	doz.	39,980	624,816
Rayon	"	2,317	36,406
Wool and wool mixtures	"	1,317	27,612
Not specified	"	11,253	256,178

1. Indicates the commodity was reported by only one or two concerns.

Alphabetical List of Commodities, 1953 — Continued

Items	Unit of measure	Quantity	Value of factory shipment
			$
Clothing, sport — Concluded:			
Shorts — Concluded:			
Men's and youths':			
Cotton	doz.	9,706	193,659
Not specified	"	2,064	47,919
Boys':			
Cotton	"	16,717	295,510
Other	"	10,523	150,822
Children's:			
Cotton	"	55,690	437,294
Rayon	"	793	11,520
Wool and wool mixtures	"	5,793	87,347
Not specified	"	40	320
Not specified	"	3,923	305,016
Slacks:			
Women's and misses':			
Cotton (including jeans)	No.	4,172,394	2,905,306
Rayon	"	209,597	785,734
Wool and wool mixtures	"	285,094	1,391,047
Not specified	"	11,950	28,600
Men's and youths' (see "Pants and Slacks")			
Children's:			
Cotton (including jeans)	"	738,651	918,154
Rayon	"	112,513	270,564
Wool and wool mixtures	"	314,984	767,767
Not specified	"	36,439	61,610
Not specified	"	7,200	12,000
Suits, sport:			
Ski and snow suits:			
Women's and misses'	"	12,387	272,796
Children's	"	583,382	3,060,417
Other sport suits:			
Women's and misses'	"	1,465	7,734
Children's:			
Cotton	"	14,284	45,003
Rayon	"	23,228	135,761
Clothing, sport, (baseball, gym and athletic) (see also "Pants, hockey, soccer, etc.")	—	—	862,262
Clothing, sport, n.e.s.	—	—	100,826
Coats and jackets:			
Men's and boys' overcoats and top coats:			
Regular models:			
Boys'	No.	23,323	248,632
Men's and youths'	"	757,393	22,585,503
Station wagon (except short length):			
Boys'	"	26,488	245,136
Men's and youths'	"	95,163	1,755,079
Women's and misses' coats:			
Regular models:			
Rayon	"	51,945	721,757
Woollen	"	1,621,954	39,748,086
Other	"	13,395	407,827
Station wagon	"	37,246	597,103
Children's coats:			
Regular models:			
Woollen	"	742,118	6,335,694
Rayon	"	107,639	877,859
Not specified	"	24,347	209,289
Station wagon	"	68,160	693,904
Station wagon coats n.e.s.	"	5,004	127,075
Other coats, not specified	"	444	23,522
Boys' separate jackets (civilian)	"	68,121	471,041
Men's and youths' separate jackets:			
Civilian	"	493,082	8,621,712
Military	"	447,630	4,782,468
Women's and misses' separate jackets:			
Wool and mixtures	"	112,140	1,117,699
Rayon and mixtures	"	49,733	283,531
Cotton	"	58,126	265,580
Other	"	6,697	38,272
Children's separate jackets:			
Wool and mixtures	"	373,010	912,611
Cotton	"	174,167	370,915
Rayon and mixtures	"	36,284	162,773
Other	"	21,402	73,904
Coats, blazers and jackets, not specified	"	—	1,138,765
Coats, short (including windbreakers, mackinaws, parkas, leather coats, vests, etc.):			
Wool and wool mixtures:			
Men's and youths'	doz.	46,219	4,129,058
Boys'	"	13,200	845,623
Children's (under 14)	"	10,937	378,571
Women's and misses'	"	3,317	393,788
Cotton:			
Men's and youths'	"	51,981	3,503,683
Boys'	"	20,195	1,029,512
Children's (under 14)	"	13,849	349,306
Women's and misses'	"	785	48,962
Leather:			
Men's and youths'	"	21,452	3,452,711
Boys'	"	584	57,427
Not specified	"	33,930	489,946

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Alphabetical List of Commodities, 1953 — Continued

Items	Unit of measure	Quantity	Value of factory shipment
			$
Coats and jackets — Concluded:			
Coats, blazers and jackets, not specified — Concluded:			
Coats, short (including windbreakers, mackinaws, parkas, leather coats, vests, etc.) Concluded:			
Rayon:			
Children's	doz.	16,645	545,195
Women's and misses'	"	1,126	87,146
Other:			
Men's and youths'	"	77,466	7,062,566
Boys'	"	23,257	1,627,195
Children's (under 14)	"	11,117	684,389
Women's and misses'	"	3,079	177,729
Not specified	"	48,541	309,956
Raincoats:			
Plastic:			
Children's	No.	36,144	28,393
Men's and youths'	"	60,067	104,504
Women's, misses' etc.	"	33,007	49,859
Rubber and rubberized:			
Children's	"	26,392	187,581
Men's and youths'	"	9,530	85,800
Other	"	16,500	258,900
Showerproofed and waterproofed:			
Children's	"	76,899	568,553
Men's and youths'	"	151,539	2,207,249
Women's and misses'	"	224,547	3,392,524
Not specified:			
Men's and youths'	"	95,194	1,601,905
Women's and misses'	"	39,518	473,130
Not specified	—	—	46,900
Coats and capes:			
Oiled	doz.	515	18,063
Plastic	"	30,181	690,359
Rubber, rubberized and showerproofed	"	52,313	4,032,169
Brunch coats and house coats	"	12,127	683,405
Coats, fur:			
Children's	No.	359	23,314
Ladies' (coats, jackets, etc.)	"	227,272	51,443,603
Men's	"	352	64,585
Coats, fur-lined (ladies')	"	1,090	140,395
Coat plates	—	—	1,160,668
Coating, industrial (plastic) (see also "Enamels, pipe-line")	—	—	1
Cobalt naphthenate	—	—	1
Cocoa (made for sale)	lb.	7,276,579	3,530,035
Cocoa butter:			
Made for own use	"	3,188,273	—
Made for sale	"	777,496	544,228
Cocoa and chocolate preparations not elsewhere specified (for sale)	"	6,278,857	2,633,331
Cocoanut, prepared and desiccated	—	—	1
Coffee-makers, electric	No.	34,038	322,264
Coffee-makers, glass	—	—	1
Coffee, roasted	lb.	80,027,173	72,112,785
Coffee, substitute	—	—	1
Coffins (see "Caskets and coffins")			
Coffins (shells or rough boxes) (see "Caskets and coffins")			
Coke, gas-house*	ton	4,252,933	64,171,749
Coke, petroleum*	"	259,643	2,887,861
Coke, pitch	—	—	1
Cold storage equipment (see also "Refrigeration equipment")	—	—	122,564
Collars, men's	—	—	133,812
Collars, fur	No.	241,080	888,608
Colours, butter, cheese and other	—	—	646,501
Colours, dry	—	—	3,518,913
Colours, in oil and Japan	—	—	510,294
Combs	—	—	1,408,907
Comforters:			
Cotton	No.	42,661	320,668
Down	"	7,620	92,259
Wool	"	80,539	505,659
Not specified	—	—	85,165
Communication systems (see "Radio communication equipment")			
Compacts, powder and rouge	—	—	260,015
Compressors, air	—	—	5,576,637
Compressors and condensing units (refrigeration)	No.	86,645	5,940,478
Concentrates used for soft drinks	—	—	5,943,578
Concrete, ready mixed	cu. yd.	2,169,348	27,570,788
Concrete products n.e.s.	—	—	7,382,337
Condensers, evaporative (refrigeration)	No.	3,474	179,046
Conduit, fibre	—	—	1
Conduit, flexible, steel and non-metallic	ft.	2,388,491	186,355
Conduit, rigid:			
Aluminum	—	—	1
Electrical metallic tubing	lb.	2,778,000	806,417
Iron	"	36,945,705	5,281,188
Not specified	—	—	412,719
Conduit fittings	—	—	2,815,723
Cones, ice cream	M.	396,946	1,780,265
Cones and tubes, textile winding	—	—	1

1. Indicates the commodity was reported by only one or two concerns.

Alphabetical List of Commodities, 1953 — Continued

Items	Unit of measure	Quantity	Value of factory shipment
			$
Confectionery, chocolate:			
In bulk	lb.	15,604,978	6,992,886
In bars	doz.	46,194,598	24,952,816
In packages	lb.	22,340,495	13,269,639
Moulded chocolate novelties	"	2,514,087	1,811,823
Not specified	"	162,094	79,100
Confectionery, marshmallow:			
In bulk	"	294,942	83,804
In packages	"	4,878,736	1,309,598
Confectionery, sugar:			
In bulk	"	46,578,876	11,328,236
In bars	doz.	2,019,717	972,492
In packages	lb.	18,510,098	6,596,075
Penny goods	gr.	3,345,248	2,814,804
Lozenges	lb.	1,496,948	298,559
Confectionery, toffee:			
In bulk	"	1,348,183	371,653
In packages	"	2,132,551	683,084
Confectionery, not specified	"	1,213,432	567,627
Confectionery coatings	—	—	1
Confectionery mixes	—	—	1
Containers, n.e.s.	—	—	327,142
Control and starting equipment, industrial, n.e.s.	—	—	12,738,129
Converter equipment, electrical	—	—	3,318,749
Coolers, milk and other	—	—	1,279,495
Cooperage products, not specified	—	—	88,962
Copper alloys	—	—	1
Copper and copper products, n.e.s.	—	—	3,827,773
Cores for paper rolls	M. ft.	6,102	793,429
Cores for small paper rolls and mailing tubes	—	—	963,018
Cores, textile winding	—	—	211,732
Cores, lumber	—	—	237,026
Cork products, not elsewhere specified	—	—	530,342
Corn, for popping	—	—	1
Corsets, girdles, brassieres, etc.:			
Corsets and girdles	doz.	196,562	7,348,999
Combination garments	"	23,973	1,341,929
Bandeaux, brassieres, etc.	"	861,474	11,102,903
Suspender girdles, shoulder straps etc.	—	—	1,131,749
Corset steels and clasps	—	—	1
Cosmetic containers and other cosmetic accessories, n.e.s. (see also "Compacts")	—	—	555,468
Cotton fabrics:			
Unbleached or grey	lb.	63,026,313	—
	yd.	195,518,534	53,081,593
Bleached or white	lb.	10,194,719	—
	yd.	37,768,108	13,357,986
Yarn and stock dyed	lb.	12,650,218	—
	yd.	29,236,088	12,330,877
Piece dyed	lb.	16,517,801	—
	yd.	63,523,213	19,679,219
Printed and painted	lb.	11,479,270	—
	yd.	48,064,153	14,586,081
Not specified	—	—	2,859,719
Counters, shoe	pr.	23,208,725	683,802
Couplings, flexible, etc.	—	—	389,169
Coverings, boiler and pipe, asbestos and other	—	—	2,602,625
Covers, baby carriage and crib	—	—	1
Covers, boat	—	—	100,710
Covers, canvas	—	—	2,750,594
Covers, couch, table and other furniture	—	—	990,841
Covers, mattress	—	—	233,880
Covers, stockinette, meat (see "Knitted fabrics")			
Covers, radiator	—	—	23,742
Covers, seat, automobile	—	—	2,909,681
Covers, not specified	—	—	1,216,894
Crates, shipping, auto and other	—	—	1,109,369
Crayons, wax and chalk	—	—	494,449
Cream, whey, sold in dairy factories	lb. b. f.	823,155	420,152
Cream, other, sold in dairy factories	"	23,972,602	27,540,094
Cream transferred to branches of firms reporting	"	6,690,637	4,646,929
Cream of tartar, refined	lb.	200,078	166,666
Cream separators	—	—	1
Cresols	—	—	1
Croquet sets	—	—	1
Cross arms	—	—	456,243
Crucibles, clay	—	—	1
Crushers, rock and parts	—	—	281,908
Cuffs, fur	pr.	5,113	128,979
Cultivators	—	—	3,626,778
Cumene	—	—	670,400
Cups, paper, baking, bonbon, etc.	M.	1,277,994	468,038
Cups, paper, drinking	"	988,403	6,332,297
Curtains, shower	—	—	48,985
Curtains, fabric	—	—	3,133,959
Curtains and drapes, plastic	—	—	1,372,796
Curtain rods and fixtures	—	—	1,706,089
Cushions	—	—	677,382
Cushion forms	No.	69,996	63,183
Cushion tops	—	—	122,374
Cushions, mats and pads, air and sponge*	doz.	1,543	39,537

1. Indicates the commodity was reported by only one or two concerns.

Alphabetical List of Commodities, 1953 — Continued

Items	Unit of measure	Quantity	Value of factory shipment
			$
Cutting blocks and tables, butcher	—	—	132,783
Cutlery, all kinds (see also "Flatware")	—	—	1,016,427
Dairy products, not specified	—	—	857,036
Dairy equipment, not specified	—	—	815,543
Decorations, including party favours, confetti, etc.	—	—	1,251,773
D.D.T.	—	—	1,644,475
Dentifrices	—	—	6,568,673
Dentists' supplies, not elsewhere specified	—	—	266,295
Deodorant (personal)	—	—	1,881,678
Deodorant (not personal)	—	—	591,132
Desk sets	—	—	130,948
Detergents	lb.	113,910,345	28,702,807
Dextrine	"	17,593,994	1,469,685
Dextrose	—	—	1
Diaries, printed, etc.	—	—	273,513
Dibutyl phthalate	—	—	1
Dicyandiamide	—	—	1
Dies, stamping, drawing and cutting	—	—	618,395
Dies, metal working, n.e.s.	—	—	3,417,829
Dies, aluminum	—	—	48,060
Dies, taps and stocks	—	—	1,026,261
Dies, rubber etc.	—	—	698,587
Dioctyl phthalate	—	—	1
Discs, agricultural (see "Ploughs")			
Discs for cartridge cases	—	—	1
Dishcloths	—	—	557,841
Dishwashers, electrical, commercial	—	—	1,129,277
Disinfectants	—	—	914,176
Displays, advertising	—	—	4,882,182
Display forms, mounting, etc.	—	—	1,844,362
Distillers' grain (see "Grain, distillers")			
Dog collars and harness	—	—	95,103
Doilies and dinner cloths, paper	—	—	710,500
Dolls, all kinds	—	—	3,410,457
Dolls' furnishings and parts [1]	—	—	478,873
Doors, metal clad	—	—	3,350,753
Doors, modernfold	—	—	1
Doors, veneer and plywood*	—	—	14,070,280
Doughnuts*	—	—	7,018,693
Dowels	M lin. ft.	46,144	422,325
Down, processed (included with "Feathers")			
Draperies and drapery material	—	—	1,192,618
Dresserware, plastic	—	—	72,551
Dresses, children's:			
Cotton	No.	2,873,692	5,218,492
Nylon	—	—	1
Rayon and rayon mixtures	No.	652,570	1,594,776
Wool and wool mixtures	"	272,315	890,004
Not specified	"	57,866	151,535
Dresses, women's and misses':			
Cotton (see also, "Coats, brunch coats, house coats, etc.")	"	5,238,120	16,043,658
Nylon	"	282,244	3,210,337
Rayon and rayon mixtures	"	6,520,331	48,210,881
Wool and wool mixtures	"	395,489	5,001,458
Wool, knitted suits and dresses (including children's)	"	167,424	2,401,751
Not specified	"	48,297	732,180
Dressing gowns, negligees, (see "Bathrobes, etc.")			
Dressing, salad	lb.	22,858,678	6,523,071
Dressings and finishes, leather, (not including polish)	—	—	1,305,981
Drilling machines (metal working)	—	—	371,687
Drills, grain and fertilizer (combination)	No.	18,748	7,516,361
Drills, grain, press and plain	"	7,669	3,164,105
Drills, reamers, etc. (including screw plates)	—	—	10,253,208
Drills, mining and metallurgical	—	—	1
Drink mixers	—	—	1
Drives, V-belts	—	—	1,132,268
Druggists' sundries:			
Hot water bottles	doz.	18,504	157,242
Nipples and soothers	"	317,767	141,506
Ice caps and collars	"	3,309	38,685
Not specified	—	—	3,943
Drums, veneer, plywood and other	—	—	258,157
Dyeing, finishing, shrinking, etc.:			
Dyeing and finishing of textiles	—	—	8,653,533
Dyeing and finishing of yarns	lb.	1,881,199	473,436
Dyeing and finishing of other products	—	—	883,004
Bleaching, sponging, dyeing, etc., custom	—	—	2,410,207
Dyes, blended and packaged	—	—	122,738
Dyes, leather	—	—	48,648
Ear muffs	—	—	1
Eavetrough and pipe	—	—	2,208,685
Economizers	No.	17	197,168
Egg cases	"	532,477	310,102
Egg case fillers	—	—	639,723
Eggs, frozen	—	—	1
Egg substitute, including powdered albumen	—	—	1
Elastic products, not elsewhere specified	—	—	902,015
Electric heating elements (sold separately)	—	—	3,235,806
Electrical apparatus, parts and supplies, not elsewhere specified	—	—	16,706,429
Electrical instruments and meters, except ammeters for autos	—	—	10,191,267

1. Indicates the commodity was reported by only one or two concerns.

Alphabetical List of Commodities, 1953 — Continued

Items	Unit of measure	Quantity	Value of factory shipment
			$
Electrodes, carbon and graphite	—	—	1
Electrotyping and stereotyping	—	—	7,265,920
Elevators, freight and passenger	—	—	8,923,954
Elevator parts	—	—	916,355
Embalming fluid	—	—	286,739
Embossing	—	—	338,330
Embroidery	—	—	4,499,073
Enamels, oil and synthetic (see also "Paints and enamels")	Imp. gal.	6,842,619	30,548,791
Enamels, pipe-line	—	—	1
Engines, auto	—	—	1
Engines, auto, parts	—	—	1
Engines, diesel	No.	139	4,168,329
Engines, gasoline, all types except automobile	—	—	10,277,022
Engines, steam, including steam turbines	No.	26	851,059
Engine parts	—	—	3,472,405
Engraving (trade work)	—	—	442,896
Ensilage cutters	No.	270	146,451
Ensilage and forage harvesters	—	—	1
Envelopes, made	M.	3,543,021	13,022,416
Envelopes, printed	—	—	7,317,636
Escalators	—	—	1
Ethyl acetate	—	—	1
Ethylbenzene	—	—	1
Ethylene chloride	—	—	1
Ethyl hexonal	—	—	1
Evaporators (fin coils, ice-makers, etc.)	—	—	1,638,216
Excelsior, paper	—	—	173,118
Excelsior, wood	ton	7,410	404,398
Excelsior, wrappers, mats and pads	No.	15,765,641	294,448
Explosives	lb.	171,947,345	30,941,809
Extractors, juice	—	—	1
Extracts, flavouring (bakers', confectioners', household, etc.)	—	—	4,573,523
Extracts, flavouring, etc. (used for soft drinks)	—	—	1,640,510
Fabrics, coated and impregnated, including felt saturated, book cloth and shoe materials	—	—	3,848,660
Fabrics, rubberized and waterproofed	—	—	455,075
Fabrics, other, not elsewhere specified	—	—	5,670,796
Face cloths	—	—	730,161
Facial tissue (see "Tissues, cleansing")			
Facing and parting, foundry	—	—	364,706
Fanning mills	No.	2,128	285,451
Fans, electric	"	131,202	1,776,042
Farm equipment, n.e.s.	—	—	3,472,238
Fasteners, zipper	ft.	55,498,856	6,379,123
Fasteners, other than zipper	—	—	785,640
Fats, animal, n.e.s.*	—	—	29,143
Feathers and down, millinery and other	—	—	920,384
Feed, chopped grain	ton	492,411	27,402,878
Feed cutters and mixers (see also "Ensilage cutters)	No.	633	53,032
Feed, poultry	ton	1,035,115	88,444,313
Feed, stock	"	884,093	65,430,323
Feed, stock and poultry, n.e.s.	"	21,110	1,561,846
Feed supplements n.e.s.	—	—	1
Felt, coated and saturated (included in "Fabrics coated, etc.")			
Felt, cotton	lb.	5,906,539	874,897
Felt, harness and athletic	"	317,024	268,503
Felt, industrial and automotive (uncut)	"	6,916,333	1,393,861
Felt, insoling, uncut	"	106,578	79,032
Felt, sole	"	60,123	32,412
Felt, padding	sq. yd.	1,370,354	539,132
Felt, paper (see "Paper, building and roofing")			
Felt, pennant, crest and fancy lining	" "	526,449	420,782
Felt, shoe and gaiter	" "	133,932	235,902
Felt, punched	" "	2,403,441	1,719,735
Felt, for pulp and paper making	—	—	11,883,644
Felt, n.e.s.	—	—	805,585
Fences, electric	No.	12,787	109,181
Fencing, steel wire:			
Farm fence	ton	12,363	2,457,290
Lawn fence	"	1,569	458,949
Chain link fabric	"	4,437	1,294,811
Fencing, snow	—	—	491,028
Fencing, other	—	—	12,933
Ferric chloride	—	—	1
Ferro-alloys, (ferro-silicon, ferro-chrome, ferro-manganese, silicon spiegel, etc.)	—	—	28,790,877
Fertilizers, complete	—	—	32,768,793
Fertilizers, other than mixed including ammonium nitrate (fertilizer grade), ammonium phosphate, calcium cyanamide, ammonium sulphate and superphosphate	ton	1,097,663	61,175,673
Fertilizer sowers	No.	470	61,317
Fibre, staple (rayon)	—	—	1
Fibre glass products	—	—	1,081,120
Files and rasps	—	—	1
Filing system supplies	—	—	3,314,961
Filling, pie, apple*	lb.	5,590,304	764,430
Filling, pie, other than apple*	"	9,100,323	1,862,657
Filling, pie, powder (included in "Powders, pudding")			
Fillings, not specified	—	—	1
Films, motion picture	—	—	1
Films, photographers' including X-ray films	—	—	1
Filter discs, etc.	—	—	647,532
Filters, mining and metallurgical	—	—	432,804

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Alphabetical List of Commodities, 1953 — Continued

Items	Unit of measure	Quantity	Value of factory shipment
			$
Filters, oil, auto:			
Complete	No.	375,282	884,715
Elements, only	"	4,377,313	2,917,248
Firearms	—	—	1
Fire clay	ton	10,102	62,162
Fire extinguishers and supplies	—	—	2,557,116
Fire fighting and fire protection equipment, not elsewhere specified	—	—	3,715,354
Fireplaces and furnishings	—	—	912,339
Fireworks (see "Pyrotechnics")			
Fish, canned*	lb.	122,362,704	47,355,900
Fish, otherwise prepared*	—	—	12,914,360
Fish, fresh, marketed for consumption, sold in factories*	—	—	64,324,640
Fishing nets and netting	—	—	1,306,266
Fishing tackle	—	—	2,730,291
Fixtures, lighting:			
Commercial and industrial	—	—	12,604,995
Residential	—	—	5,135,511
Street-lighting	—	—	1,650,938
Searchlights and floodlights	—	—	763,579
Other lighting equipment	—	—	3,239,897
Flags and bunting	—	—	487,621
Flashlights and cases	—	—	455,815
Flatware, electro-silver plated and sterling, (see also "Cutlery")	—	—	9,840,438
Flint for lighters	—	—	338,744
Flocks	lb.	8,613,155	577,607
Floor cleaning equipment, n.e.s.	—	—	172,726
Floor covering, including oilcloths, etc.	—	—	1
Flooring, hardwood	—	—	12,015,912
Floor tile and joists, steel	—	—	1
Flooring, metal	—	—	382,280
Flotation machines	—	—	1
Flour, barley	ton	179	19,866
Flour, buckwheat	"	106	8,086
Flour, corn	"	411	40,802
Flour, diabetic	—	—	1
Flour, potato (see "Starch and flour")			
Flour, prepared and self-raising, cake mixes, pie crust, etc.	lb.	77,636,179	14,314,261
Flour preparations for sausage fillings	"	2,637,739	361,752
Flour, soya bean	—	—	1
Flour, wheat:			
Spring, No. 1 patent including Semolina	bbl.	3,878,427	37,898,595
Spring, No. 2 patent	"	5,201,820	44,361,992
Spring, No. 3 patent	"	9,861,279	87,327,745
Ontario winter	"	1,563,904	13,583,504
Low grade flour	"	1,935,250	13,934,835
Durum semolina	"	412,355	4,040,411
All other	"	461,755	3,798,335
Flour, graham or whole wheat	—	—	2,287,390
Flour, rye	ton	4,371	323,884
Flowers, artificial	—	—	2,215,716
Flue linings	—	—	992,586
Fly pads and paper	—	—	1
Fly swatters	—	—	43,288
Foil, tin, lead and aluminum	—	—	7,433,644
Folding (trade work)	—	—	325,740
Food drinks, liquid (see also "Powders" and "Milk, chocolate")	gal.	3,813,329	3,368,613
Food, fox, dog, etc.:			
Fox biscuits	ton	294	34,566
Dog biscuits	"	3,376	655,946
Fox and dog biscuits	—	—	1
Canned dog and cat food	ton	39,891	6,992,239
Other dog and cat food	"	8,434	1,470,002
Other fox food	"	1,747	204,380
Mink and other animal food	"	17,718	1,993,246
Food, stock and poultry n.e.s. (see "Feed")			
Food mixers	No.	83,218	2,241,029
Food, infant, canned*	lb.	46,773,290	14,024,573
Food, infant, other including precooked cereal*	"	6,583,197	2,200,684
Food products, not specified	—	—	863,501
Foots, vegetable oil	lb.	1,497,227	49,884
Footwear, leather: (see also "Slippers")			
Felt uppers (including felt slippers):			
Babies'	pr.	36,667	42,940
Boys'	"	18,861	43,852
Children's, including little gents	"	70,648	74,013
Men's	"	255,706	717,066
Youths' (exclusive of slippers)	"	5,793	12,584
Misses'	"	36,843	62,271
Women's and growing girls'	"	238,343	303,061
Leather or fabric uppers:			
Babies'	"	2,821,493	4,902,615
Boys'	"	1,174,464	3,882,152
Children's	"	5,470,246	12,916,392
Men's	"	7,418,107	43,519,469
Youths'	"	299,587	861,021
Women's and growing girls'	"	15,081,464	53,673,679
Footwear, moccasins, including shoe packs:			
Babies'	"	21,576	9,079
Boys'	"	8,878	18,838
Children's	"	25,820	31,912

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Alphabetical List of Commodities, 1953 — Continued

Items	Unit of measure	Quantity	Value of factory shipment
			$
Footwear, leather (see also "Slippers")—Concluded:			
Footwear, moccasins, including shoe packs—Concluded:			
Men's	pr.	94,852	255,255
Youths'	"	1,125	1,698
Women's, misses' and growing girls'	"	648,095	1,099,029
Not specified	"	135,230	505,852
Footwear, plastic	—	—	121,579
Footwear, rubber:*			
Knee and hip boots, all rubber	pr.	1,317,702	4,402,361
Lumbermen's boots, all rubber	"	569,605	2,346,477
Lumbermen's boots, leather tops	"	132,402	965,274
Overshoes and goloshes, cloth uppers	"	1,291,957	5,963,172
Overshoes, all rubber (lined and unlined)	"	4,029,612	11,613,564
Light and heavy rubbers	"	3,407,248	4,074,745
Rubber bottoms for leather tops	"	226,283	567,697
Utility footwear with canvas or other fabric tops	"	2,855,439	5,424,689
Forgings, including drop, shell, etc.	—	—	36,403,345
Forks (farm implements)	—	—	1
Formaldehyde	—	—	1
Forms, continuous, printed	—	—	13,785,496
Formvar	—	—	1
Fountains, soda and luncheonette equipment	—	—	1
Frames and cases, spectacle and sun glasses	—	—	1,348,389
Freezers, individual, home and farm	No.	8,284	2,704,610
Fringes, cords and tassels	—	—	808,151
Frit, enamel	—	—	1
Fruit drinks	—	—	169,751
Fruit juices, canned, bottled, etc., including grape juice	lb.	43,703,075	4,395,822
Fruit peel, candied*	"	3,053,083	769,743
Fruit pulp	—	—	1
Fruit, canned:*			
Apples, including crab apples	lb.	12,279,171	1,595,065
Apple sauce	"	8,514,143	1,127,660
Apricots	"	4,776,230	822,669
Blackberries	"	253,377	49,444
Blueberries	"	691,083	186,379
Cherries	"	6,118,296	1,178,691
Loganberries	"	711,113	138,051
Peaches	"	39,199,350	5,587,342
Pears	"	23,064,651	3,473,052
Plums	"	7,883,433	767,841
Raspberries	"	4,305,824	1,111,569
Rhubarb	"	206,558	16,625
Strawberries	"	3,060,570	799,849
Other fruits, not specified, pineapple, fruit salad, etc.	"	11,098,166	2,156,664
Fruits, fountain	—	—	346,779
Fruits, glace*	lb.	5,769,236	2,072,096
Fruits, maraschino cherries*	"	3,521,538	1,837,944
Fruits, frozen for re-processing*	"	10,473,101	2,008,103
Fruits, frozen, not for reprocessing*	"	15,363,560	3,842,070
Fruits in SO_2 for reprocessing*	"	8,089,953	799,010
Fruits, not specified *	—	—	400,752
Fuel, hog*	—	—	519,210
Fur dressing and dyeing	—	—	5,920,014
Fur trimmings	—	—	1,415,352
Fur, remodelling, repairing, etc.	—	—	5,805,597
Furnaces, warm air	No.	93,669	16,948,929
Furnaces, industrial, other	—	—	586,596
Furnaces, not specified, and furnace parts	—	—	1,014,536
Furniture, wood:			
Camp, lawn and verandah	—	—	529,444
Children's	—	—	2,743,268
Household:			
Bedroom	—	—	28,893,180
Breakfast-room	—	—	534,673
Dining-room	—	—	4,879,907
Kitchen	—	—	3,540,552
Living-room (not upholstered)	—	—	7,238,029
Other	—	—	4,125,289
Office, store and restaurant	—	—	17,460,778
School, church, lodge, etc.	—	—	7,349,163
Other, furniture and cabinet work, n.e.s.	—	—	5,836,776
Furniture, metal:			
Breakfast room	—	—	12,314,760
Camp, lawn and verandah	—	—	1,666,506
Household (including chrome)	—	—	6,286,389
Office, store and restaurant, etc.	—	—	12,841,766
Other, not specified	—	—	6,334,915
Furniture, wood or metal:			
Living room (upholstered)	—	—	36,805,240
School, household, etc.	—	—	1,334,578
Theatre	—	—	798,342
Not specified (upholstered)	—	—	3,027,930
Furniture, not specified:			
Camp, lawn and verandah	—	—	139,175
Office, store, church, etc.	—	—	251,335
Not specified	—	—	724,054
Furniture frames and parts:			
Wood	—	—	5,053,143
Metal	—	—	247,164

1. Indicates the commodity was reported by only one or two concerns.

Alphabetical List of Commodities, 1953 — Continued

Items	Unit of measure	Quantity	Value of factory shipment
			$
Fuses and fuse wire	—	—	2,945,037
Gaiters, spats and leggings	—	—	185,619
Galvanized ware	—	—	1,703,713
Games, not specified	—	—	1,811,923
Garage equipment, n.e.s.	—	—	1,050,649
Gas made:*			
Retort coal gas	M. cu. ft.	11,246,790	—
Coke oven gas	"	58,242,301	—
Producer gas	"	1,106,609	—
Water gas	"	10,884,813	
Other	"	1,035,570	
Gas, dry, natural*	"	19,641,851	1,648,455
Gas, sold	"	25,917,492	32,340,134
Gas used in own coke or gas plants	"	15,046,953	3,395,112
Gas used in associated metallurgical work	"	28,537,610	7,026,834
Gas, otherwise accounted for, but not sold	"	482,870	204,557
Gas, not accounted for	"	2,930,307	605,796
Gas, still, from petroleum refineries	"	20,762,933	10,668,428
Gas, oil, pintsch	"	38,130	554,027
Gases, liquifying, petroleum*	—	—	3,980,743
Gasoline*	Imp. gal.	2,260,426,303	355,807,726
Gates	No.	33,562	647,912
Gauges, pressure	—	—	515,555
Gauges, plug, ring, thread, etc.	—	—	688,695
Gears, rubber tired, truck, trailers, etc.	—	—	1,120,597
Gears, transmission	—	—	1
Gelatine	—	—	1
Generators:			
Alternating current	No.	198	19,687,332
Direct current	"	405	437,570
Generators, engine driven	—	—	1
Generator, steam, and parts	—	—	1,125,032
Glass, bevelled and polished edge, plates and sheets	—	—	1,530,539
Glass, cut	—	—	1,039,777
Glass, leaded, including memorial windows	—	—	213,864
Glass, non-shatterable	—	—	16,671,012
Glass, pressed, blown and drawn including bottles, sealers, windows, kitchenware, etc.	—	—	44,121,514
Glass vials and chemical glass ware	—	—	550,511
Glass products, other, including windshield glass	—	—	1,761,786
Glasses, sight	pr.	64,683	363,639
Glasses, sun	—	—	1
Gloves and mittens, fabric, dress:			
Cotton, women's	doz. pr.	38,732	459,928
Cotton, children's	"	1,610	13,340
Rayon and silk, women's and children's	"	70,813	612,570
Other, including nylon, chamoisette, etc.	"	106,218	1,213,918
Gloves and mittens, fabric, work:			
Cotton, men's	"	629,614	1,927,171
Cotton, women's	"	4,870	12,094
Not specified	"	89,672	373,511
Gloves and mittens, fabric, not specified	"	73,742	459,202
Gloves and mittens, knitted	"	147,133	1,135,466
Gloves and mittens, leather, dress:			
Men's, lined	"	100,757	2,244,896
Men's, unlined	"	29,050	790,400
Women's and children's, lined	"	41,254	496,576
Women's and children's, unlined	"	16,248	474,062
Gloves and mittens, leather, work:			
Men's, lined	"	57,189	744,154
Men's, unlined	"	337,928	3,648,248
Women's and children's, lined	"	34,933	313,505
Women's and children's, unlined	"	8,645	64,623
Gloves and mittens, leather, sport (see also, "Sport gloves and mittens, baseball, hockey, etc.")	"	14,433	165,757
Gloves and mittens, fur and fur-lined	—	—	1
Gloves and mittens, n.e.s.	—	—	149,153
Gloves, rubber and rubberized*	doz. pr.	208,374	1,088,853
Glucose	—	—	1
Glue (bone, hide, fish, and vegetable)	lb.	53,853,140	8,268,913
Glue stock	"	38,596,996	410,005
Glutamate, mono-sodium	—	—	1
Gluten feed	—	—	1
Glycerine, crude	lb.	2,471,883	724,081
Glycerine, refined	"	9,934,470	4,278,882
Glycols, not specified	—	—	1
Gold alloys	—	—	3,654,686
Gold, fine	—	—	1,051,700
Gold leaf	—	—	1
Golf clubs (complete)	No.	194,301	1,232,496
Golf supplies, including golf bags, carts, etc. (see also, "Balls, golf")	—	—	155,750
Grains, roasted	lb.	115,318	7,448
Grains sold wet and dry (Brewers' and distillers')*	ton	182,188	3,600,546
Granite monuments	—	—	3,127,325
Granite, for building purposes	—	—	584,549
Granules, roofing	—	—	1
Grape concentrate	—	—	1
Grape juice (included in "Fruit juices")			
Graphite (included in "Electrodes carbon and graphite")			
Grate bars and grating	—	—	759,097
Gravy preparations	—	—	229,040
Grease	—	—	937,523

1. Indicates the commodity was reported by only one or two concerns.

Alphabetical List of Commodities, 1953 — Continued

Items	Unit of measure	Quantity	Value of factory shipment
			$
Grease, lubricating*	lb.	48,477,566	4,219,601
Grills and hot plates, electric, including stoves for glass coffee-makers	No.	249,202	1,058,858
Grinding machines (metal working)	—	—	453,257
Guanidine nitrate	—	—	1
Gums, unvulcanized*	lb.	1,064,903	364,744
Gymnasium supplies, not specified	—	—	147,155
Gypsum blocks and sheathing	sq. ft.	6,580,295	285,201
Hair, animal	lb.	5,075,314	2,057,402
Hair cloth	—	—	1
Hair nets (included in "Hair dressing equipment and accessories")			
Hair, processed	—	—	1
Hair goods, not specified	—	—	83,236
Hair dressing equipment and accessories	—	—	603,959
Halters, leather	No.	26,121	54,442
Hammocks	"	1,385	18,558
Handkerchiefs	doz.	621,909	760,003
Handles, broom and mop	No.	15,676,297	711,310
Handles, long tool and axe	"	2,463,217	1,186,346
Handles, small tool	"	14,995,633	808,450
Handles, n.e.s.	—	—	764,599
Handling equipment, n.e.s.	—	—	844,476
Hangers, garment	—	—	970,042
Hardware, appliances (for refrigerators, etc.)	—	—	335,058
Hardware, automobile	—	—	6,804,479
Hardware, builders'	—	—	15,212,031
Hardware, furniture	—	—	3,085,773
Hardware, harness and saddlery	—	—	240,003
Hardware, pole-line (line materials, distribution specialties, etc.)	—	—	8,169,035
Hardware, trunk and suitcase	—	—	485,098
Hardware, not specified	—	—	5,671,109
Harness, double	set	465	47,108
Harness, single	"	819	53,940
Harness collars	No.	16,186	109,007
Harness parts	—	—	388,278
Harrows, disc (horse or tractor drawn)	No.	29,233	5,132,333
Harrows, drag and spring tooth	"	59,673	936,932
Harrow carts	—	—	1
Hassocks	—	—	407,314
Hat blocks	No.	3,604	62,043
Hats, cotton:			
Men's	doz.	17,925	302,110
Women's	"	5,885	107,807
Children's	"	28,927	219,001
Hats, fur felt:			
Men's	"	103,377	5,298,591
Women's and children's	"	32,481	1,667,402
Hats, linen, women's and children's	"	2,667	49,957
Hats, wool felt:			
Men's	"	17,678	364,090
Women's	"	75,236	2,066,185
Children's	"	8,737	136,738
Hats, velour felt:			
Women's	"	51,756	2,400,968
Other	"	166	4,782
Hats, straw:			
Men's	"	18,913	454,152
Women's	"	137,547	5,180,098
Children's	"	40,321	313,698
Hats, panama	"	1,065	48,137
Hats, silk and rayon, women's and children's	"	16,140	363,508
Hats, velvet, women's and children's	"	48,147	1,357,060
Hats, wool, women's and children's	"	8,947	174,401
Hats, not specified:			
Men's	"	10,171	36,593
Women's	"	14,879	337,533
Children's	"	2,746	28,641
Tams, berets and turbans	—	—	46,876
Headwear, not specified	—	—	1,087,995
Hats and caps, fur	No.	33,542	70,020
Hats, cleaned and reblocked	—	—	11,000
Hat bodies	doz.	163,952	2,214,318
Hatters' supplies, including hat linings	—	—	187,073
Hay loaders	No.	4,755	954,059
Hay rakes, dump, tedders, etc.	"	11,538	2,280,434
Hay balers, hay carriers, etc.	"	4,476	4,688,482
Heading, barrel	—	—	412,243
Hearing aids	—	—	1
Heaters, air, electric	—	—	1,475,662
Heaters, auto and engine	No.	507,874	5,885,617
Heaters, boiler, feed, water	—	—	1
Heaters, electric, unit	—	—	4,488,311
Heaters, water tank, coal, wood or oil	No.	1,507	68,853
Heaters, water tank, gas	"	39,837	2,001,548
Heaters, water tank, electric	—	—	2,663,334
Heaters, water, electric, including tank and controls	No.	14,404	929,297
Heaters, not specified	—	—	44,831
Heating and ventilating equipment, not elsewhere specified	—	—	11,883,427
Hectograph composition	—	—	59,072
Heels, leather and wood	pr.	24,992,677	3,291,778
Heels, rubber and composition	"	15,973,782	1,958,447

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Alphabetical List of Commodities, 1953 – Continued

Items	Unit of measure	Quantity	Value of factory shipment
			$
Heel lifts	—	—	5,920
Helmets	doz.	6,675	76,719
Hexachlorethane	—	—	1
Hexamethylenediamine	—	—	1
Hides, all kinds	—	—	10,557,816
Hockey pucks*	doz.	31,352	39,047
Hockey sticks	No.	1,444,884	998,323
Hoes, hand	"	244,270	258,556
Hoists	—	—	2,700,329
Hollow-ware, copper	—	—	1
Hollow-ware, sterling silver	—	—	312,878
Hollow-ware, silver-plated on Britannia metal	—	—	137,156
Hollow-ware, silver-plated on brass and copper	—	—	1,638,448
Hollow-ware, silver-plated on lead alloy	—	—	189,439
Hollow-ware, silver-plated on nickel silver	—	—	57,412
Hollow-ware, other	—	—	24,696
Holster sets	—	—	1
Honey butter	—	—	1
Hooks, eyes, notions, etc., not elsewhere specified	—	—	344,194
Hoops, wooden*	M.	1,994	61,015
Hoops, steel and steel wire	"	2,967	109,962
Hooves and horns	lb.	1,394,423	28,091
Hormones, sex	—	—	2,254,608
Horseradish, prepared	lb.	531,893	206,178
Horseshoes	—	—	175,259
Hose, fire, cotton or linen	—	—	1
Hose, garden, koroseal	—	—	710,937
Hose, rubber, fire, radiator, steam etc.	—	—	9,788,443
Hosiery:			
Cotton and cotton mixtures:			
Men's, seamless:			
Work socks	doz. pr.	88,842	324,799
Fine socks	"	181,147	707,359
Other (anklets, sport, etc.)	"	253,694	1,091,943
Women's, seamless:			
Full length stockings	"	210,280	953,377
Other (anklets, sport, etc.)	"	367,726	876,167
Children's, seamless:			
Full length stockings	"	458,549	1,153,080
Golfers	"	56,873	193,774
Other	"	1,051,793	2,259,866
Full fashioned (all types)	"	53,109	475,664
Silk and silk mixtures, seamless and full-fashioned	"	30,038	371,714
Rayon and rayon mixtures:			
Men's seamless	"	55,160	239,675
Women's, seamless	"	113,674	333,803
Children's, seamless	"	113,332	303,047
Full-fashioned (all types)	"	30,691	249,472
Nylon:			
Seamless	"	938,186	5,548,535
Full-fashioned	"	4,000,717	35,483,353
Wool and wool mixtures:			
Men's, seamless:			
Work socks	"	564,351	3,584,450
Fine socks	"	424,725	4,406,284
Other	"	333,960	2,782,269
Women's seamless:			
Full length stockings	"	52,334	483,367
Other (anklets, etc.)	"	72,998	330,352
Children's, seamless:			
Full length stockings	"	128,540	776,968
Golfers	"	102,628	596,997
Other (half length, anklets, etc.)	"	119,859	553,082
Hosiery, not specified	"	55,388	315,428
Houses, pre-fabricated (see "Buildings, etc., pre-fabricated")			
Humidifiers and air conditioners	—	—	1
Hydrants	—	—	1,289,805
Hydrogen	—	—	1
Hydrogen chloride, anhydrous	—	—	1
Hydrogen peroxide	—	—	1
Hydrol	—	—	1
Ice, artificial	ton	856,064	5,399,636
Ice cream (factory)	gal.	28,939,100	48,069,967
Ice cream mix	"	2,120,715	3,292,501
Ice cream sundries	—	—	101,260
Icings and icing paste n.e.s.	—	—	452,881
Implements, hand, n.e.s.	—	—	226,960
Incense and incense charcoal	lb.	14,166	18,653
Incubators and other poultrymen's supplies	—	—	303,029
Infants' wear (see also "Knitted Infants' Wear"):			
Bibs	doz.	75,206	139,268
Coats	"	26,979	2,145,594
Dresses	"	86,062	1,130,311
Diapers	"	299,506	604,375
Headwear	"	79,335	573,038
Night gowns	"	68,218	334,484
Rompers	"	49,197	564,377
Sleepers (see also "Children's sleepers")	"	37,054	482,521
Sleeping bags	"	11,222	630,582
Slips	"	8,580	48,365
Not specified	—	—	277,538

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Alphabetical List of Commodities, 1953 — Continued

Items	Unit of measure	Quantity	Value of factory shipment
			$
Ingots (see "Aluminum", "Steel", "Brass", "Bronze")			
Ink eraser, liquid	—	—	1
Ink, printing and lithographing	lb.	25,735,017	11,125,566
Ink, writing	—	—	315,895
Ink, not specified	—	—	229,666
Insecticides	—	—	4,448,706
Instruments, scientific, n.e.s.	—	—	23,334,016
Insulating materials, n.e.s. (see also "Rockwool")	—	—	2,709,546
Insulators, porcelain and insulator parts	—	—	5,444,491
Interoffice communication sets, excluding telephone apparatus provided	—	—	1
Iron, pig:			
Quantity made	ton	3,012,268	
Quantity shipped	"	626,624	31,510,562
Iron and steel products, rolled, n.e.s.	"	65,677	7,030,104
Irons, electric	No.	482,441	4,257,844
Irons, gasoline	—	—	1
Ironers, electric	No.	11,112	886,979
Iron work, ornamental and architectural	—	—	13,769,153
Ironing boards	No.	55,719	195,382
Irrigation equipment	—	—	1
Isobutylene	—	—	1
Jacks, auto	—	—	1
Jacks, lift, screw and ratchet	—	—	1
Jams*	lb.	78,933,875	14,365,970
Javelle water	—	—	5,850,639
Jellies*	lb.	5,531,134	1,160,821
Jewellery	—	—	20,625,744
Jigs and fixtures	—	—	4,382,601
Jointers, woodworking	No.	3,746	169,546
Jute, jute paddings and jute yarn	—	—	1,334,251
Kegs, beer	No.	19,545	593,722
Kegs, fish	"	4,444	14,935
Kegs, nail, etc.	—	—	866,170
Kerosene	Imp. gal.	15,106,460	2,523,262
Kettles, electric	—	—	1
Kitchen equipment for hotels, cafeterias, etc.	—	—	4,962,810
Kitchenware, aluminum, including pressure cookers	—	—	8,187,294
Kitchenware and ovenware, glass, (included with "Glass, pressed and blown")			
Kitchenware, other (see also "Woodenware, kitchen")	—	—	3,878,233
Knitted fabrics:			
Cotton stockinette, including meatwrap	—	—	1,505,936
Cotton, not specified	yd.	1,773,454	2,392,471
Nylon	—	—	6,109,681
Rayon	lb.	3,378,142	4,305,334
Wool	yd.	1,081,751	2,397,901
Knitted goods, miscellaneous:			
Infants' jackets, booties, etc.	doz.	369,515	4,113,037
Not specified	—	—	483,335
Knitting, custom	—	—	784,298
Knives, machine	—	—	1,446,002
Knives, bread, paring etc.	—	—	256,354
Labels, gummed paper	—	—	939,227
Labels, fabric	—	—	1,185,933
Lace, all kinds	—	—	1,560,178
Laces, corset	—	—	38,950
Laces, shoe, (silk, cotton, etc.)	—	—	1,136,635
Laces, shoe, leather	doz.	4,178	3,513
Lacquers	Imp. gal.	2,785,472	7,659,792
Lacrosse sticks	—	—	1
Lactose (see "Sugar of Milk")			
Ladders, step, extension, etc.	—	—	1,615,559
Lamps, incandescent, except therapeutic (bulbs)	No.	108,306,700	14,885,125
Lamps, fluorescent (bulbs)	"	4,882,012	3,598,998
Lamps, photo flash (bulbs)	"	15,071,759	1,559,285
Lamps, electric:			
Floor:			
Incandescent	—	—	2,637,572
Table:			
Incandescent	—	—	4,419,725
Fluorescent	—	—	50,689
Other:			
Incandescent	No.	136,695	320,179
Lamps, other than electric	—	—	107,086
Lamp shades and wire frames	—	—	2,607,321
Lamp stands and lamp bases	—	—	1
Lanterns, including railway, marine, etc.	—	—	1
Lard	lb.	101,995,134	14,439,593
Lasts, trees, and shoe findings, not specified	—	—	1,071,817
Latex compounds	—	—	1
Latex, foamed (included in "Rubber goods, sponge and soft")			
Lathes, metal-working	—	—	2,127,347
Lathes, wood-working	No.	2,372	56,574
Lath, metal	—	—	3,052,588
Lath, gypsum	sq. ft.	269,225,013	7,977,335
Laths, wood*	M.	155,700	1,687,734
Laundry dryers (electric)	No.	3,917	709,813
Lead, naphtenate	—	—	1
Lead, refined (metal)	lb.	49,516,646	6,943,493
Lead, red	"	2,738,369	459,994
Lead, white, dry	—	—	1

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Alphabetical List of Commodities, 1953 — Continued

Items	Unit of measure	Quantity	Value of factory shipment
			$
Lead, white, ground in oil	lb.	1,463,128	283,389
Lead, sheet	"	4,902,499	957,284
Lead products, n.s.	"	1,232,260	264,556
Lead for pencils	—	—	140,406
Leather:			
Belting	—	—	1
Bag, case and strap	sq. ft.	2,549,067	1,175,920
Garment	"	3,858,432	1,157,464
Glove	—	—	2,627,775
Harness	lb.	644,803	384,294
Lace	"	143,310	195,494
Oil tanned, shoe-pack	"	214,638	65,202
Sole:			
Bellies	"	2,293,099	734,973
Bends	"	9,576,525	5,920,642
Shoulders	"	2,836,592	1,291,779
Upholstering (included in "Leather, not specified")			
Upper leather:			
Calf skins	sq. ft.	8,936,902	6,060,540
Cattle and horse hides	"	49,583,465	17,491,815
Chrome splits	"	11,582,227	1,733,265
Goat skins	"	873,113	311,578
Sheep skins	"	1,095,501	263,797
Wax splits	"	396,593	62,148
Patent and enamelled shoe leather (included in "Other upper leather not specified)			
Other, not specified	"	5,117,418	1,754,656
Leather splits, not specified	—	—	857,302
Leather, not specified	—	—	2,467,980
Leather, artificial	—	—	6,389,473
Leather goods, not specified	—	—	135,853
Lecithin	—	—	1
Lemon butter and cheese	—	—	1
Lenses, optical	—	—	3,239,945
Lenses, optical, contact	—	—	1
Life buoys, jackets, belts, etc.	—	—	205,302
Lighter fluid	—	—	518,914
Lighters, cigarette, and parts	—	—	1,583,537
Lightning rods and supplies	—	—	330,556
Lignosulphonates	—	—	1
Lime, quick (including value of containers)	—	—	15,382,830
Limestone (building and monument)	—	—	2,539,384
Line material (see "Hardware, pole-line")			
Linings, brake, asbestos	—	—	3,472,888
Linings, glove and shoe	—	—	2,066,365
Linings, not specified	—	—	20,721
Litharge	lb.	7,611,739	1,125,259
Locomotives, diesel-electric, new	No.	260	42,259,233
Locomotives and car parts n.e.s.	—	—	11,059,795
Looms, weaving	—	—	100,476
Lubricating systems, automobile and other	—	—	957,010
Lumber, matched	M ft. b. m.	180,731	16,746,093
Lumber, planed*	"	3,427,447	263,147,957
Lumber, sawn*	"	5,135,039	328,773,276
Lumber, not specified	—	—	1,658,570
Lye	—	—	1
Macaroni and spaghetti, canned	lb.	31,387,551	3,463,215
Macaroni, vermicelli, spaghetti, etc., dry	"	70,850,564	8,086,417
Machinery:			
Accounting machines (see also "Machinery, office")	—	—	1
Adding and other calculating (see also "Machinery, office")	No.	17,431	2,630,681
Bakers', mixing	"	926	811,755
Bakers', not elsewhere specified	—	—	451,102
Boring (metal-working)	No.	24	1,304,589
Bottlers'	—	—	306,666
Canning, and parts	—	—	1,666,371
Chlorinating	—	—	1
Cleaning and pressing (included in "Laundry, cleaning and pressing")			
Coal handling and coal pulverizing	—	—	1,375,879
Concrete and cement making	—	—	1,442,613
Conveying and elevating (except passenger and freight elevators) and parts	—	—	15,397,387
Dairy, including milking machines	—	—	2,674,238
Flour and grist mill, not elsewhere specified	—	—	411,895
Grain grinding, cleaning, etc.	No.	3,403	219,183
Grain loaders and elevators	—	—	4,690,536
Hoisting, except mine hoists	—	—	12,149,042
Kitchen and other household	—	—	1,219,620
Knitting	—	—	1
Laundry, cleaning and pressing	—	—	2,891,703
Leather working	—	—	1,691,175
Logging	—	—	1,288,431
Lumber and shingle drying	—	—	1
Metal-working, not elsewhere specified	—	—	51,770
Milking (included in "Machinery, Dairy")			
Milling (metal-working)	No.	50	610,659
Mining and metallurgical, not elsewhere specified, and parts	—	—	6,698,685
Office, n.e.s. (see also "Accounting, adding and calculating machinery")	—	—	10,848,096
Plastics	—	—	46,306
Printing	—	—	279,339
Pulp and paper	—	—	19,856,454
Road and excavating	—	—	4,050,748
Rolling mill	—	—	3,182,112

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Alphabetical List of Commodities, 1953 — Continued

Items	Unit of measure	Quantity	Value of factory shipment
			$
Machinery — Concluded:			
Rubber mill	—	—	2,527,819
Saw and planing mill	—	—	3,149,176
Sewing	—	—	1
Ships' and fittings	—	—	6,035,405
Stone working	—	—	652,156
Textile, n.e.s.	—	—	340,025
Transmission	—	—	2,692,574
Vulcanizing	—	—	1
Washing machines:			
Electric	No.	237,715	26,896,977
Other power	—	—	1,165,629
Watersoftener equipment	—	—	1
Wood-working, n.e.s.	—	—	720,354
Other, not specified	—	—	13,230,855
Machinery parts, not specified	—	—	1,621,464
Malt, made for sale	—	—	1
Malt, caramel (made for colouring) (included in "Colours, butter, cheese and other")			
Malt flour	lb.	1,096,410	103,311
Malt extract and syrup	"	7,025,142	872,951
Malt coomings and sprouts	—	—	1
Manganese naphthenate	—	—	1
Mantles, lamp	—	—	1
Manure spreaders and loaders	No.	12,021	3,991,495
Maple products	—	—	1
Maps	—	—	852,250
Marble chips and dust	—	—	1
Marble monuments	—	—	823,186
Marble for building purposes	—	—	665,621
Margarine	lb.	108,057,682	29,608,226
Marine and fishermen's supplies	—	—	310,312
Marmalades*	lb.	19,533,956	3,332,032
Match splints and match blocks	—	—	1
Matchers and planers (wood-working)	No.	276	609,421
Matches	—	—	4,795,051
Mats and matting, rubber	—	—	3,343,042
Mattresses, including air and sponge	—	—	18,946,902
Meal, alfalfa	ton	33,622	1,747,819
Meal, cereal grass	"	12,788	989,310
Meal, cocoanut oilcake	—	—	1
Meal, corn	ton	5,156	556,896
Meal, fish	"	49,075	6,387,934
Meal, linseed oilcake	"	95,942	6,137,763
Meal, meat, hoof, lung, liver, etc.	lb.	26,063,750	1,253,553
Meal, rapeseed oilcake	ton	2,343	138,062
Meal, rye	"	212	17,075
Meal, sunflower oilcake	—	—	1
Meal, soybean oilcake	ton	207,127	15,911,631
Meats, canned:			
Beef:			
Spiced beef	lb.	735,043	364,675
Beef stews and boiled dinners	"	17,078,007	5,191,224
Other, including corned beef, beef sausage, roast beef, etc.	"	2,039,712	905,245
Pork:			
Spiced pork and ham	"	19,018,664	9,485,983
Roast pork and ham	"	20,642,215	17,058,478
Sausage	"	1,019,521	435,856
Other, including bacon, devilled ham, pigs' feet, etc.	"	902,331	491,316
Poultry*	"	1,555,839	1,451,503
Miscellaneous:			
Weiners	"	830,561	390,132
Meat paste (included in "Paste, meat and chicken")			
Meat lunch	"	555,069	243,174
Other, including bologna, lunch tongue, etc.	"	5,861,071	2,287,723
Meats, cooked, all kinds	"	51,882,190	32,916,793
Meats, cured:			
Bacon and sides	"	80,523,507	47,617,093
Beef, salted and cured	"	4,095,393	1,100,802
Hams	"	46,896,689	30,254,290
Pork, salted	"	14,570,549	3,919,740
Shoulders	"	42,309,632	20,572,780
Other	"	28,534,749	10,893,265
Meats sold fresh:			
Beef	"	699,851,988	241,091,728
Fancy meats	"	57,538,263	11,621,386
Horse	"	18,082,036	1,802,169
Mutton and lamb	"	20,869,380	8,817,615
Pork	"	329,872,116	133,977,532
Poultry	"	33,383,576	16,939,954
Veal	"	77,739,491	29,166,903
Other	"	1,915,392	273,903
Meats sold frozen:			
Beef	"	24,348,471	8,422,852
Fancy meats	"	6,076,368	1,234,617
Horse	"	1,414,812	122,661
Mutton and lamb	"	6,659,536	2,700,416
Pork	"	62,671,213	24,727,824
Veal	"	4,557,382	1,620,885
Other	"	226,436	31,723
Meat, not specified	"	910,078	551,860
Meat scrap	"	113,213,026	4,707,445

1. Indicates the commodity was reported by only one or two concerns.

Alphabetical List of Commodities, 1953 — Continued

Items	Unit of measure	Quantity	Value of factory shipment
			$
Medicines and pharmaceuticals, n.e.s.:			
Registered as patent medicines (all ingredients not declared)	—	—	18,560,574
Ethical specialties for human use, n.e.s.	—	—	28,840,795
Oral antiseptics	—	—	777,507
All other human medicines	—	—	7,034,019
Metal products, not specified	—	—	701,506
Meters, gasoline	—	—	1
Meters, water	—	—	1
Meters, not specified and meter parts	—	—	608,466
Methyl hydrate, crude and refined	—	—	1
Mica products	—	—	1
Military web equipment	—	—	1
Milk, sold in dairy factories	gal.	167,315,993	118,945,190
Milk, transferred to other branches of the firm	"	7,841,237	2,634,346
Milk, buttermilk, sold	—	—	1,305,148
Milk, buttermilk, condensed	lb.	490,819	28,152
Milk, condensed	"	19,547,937	2,831,158
Milk, evaporated	"	271,410,433	32,346,211
Milk, skim	"	—	2,365,860
Milk, skim, condensed	"	3,820,522	368,732
Milk, skim, evaporated	"	10,722,724	417,794
Milk products, not specified	—	—	2,665,421
Milk drinks, (see "Food drinks")			
Milling cutters	—	—	1,549,607
Mincemeat	lb.	6,881,033	1,178,063
Mine timbers, props, wedges, etc.*	—	—	1,838,509
Mirrors	—	—	4,811,347
Modelling clay	—	—	1
Molasses	ton	40,519	934,775
Monuments, lettered only	—	—	457,199
Monuments, (see "Granite", "Limestone" and "Marble")			
Monuments, artificial stone, bases, etc.	—	—	173,703
Mops, dish	doz.	55,240	84,565
Mops, floor:			
Cellulose	"	23,693	221,784
Wet	"	166,253	1,305,917
Dry	"	52,397	646,933
Not specified	"	26,905	215,240
Mops, n.e.s.	—	—	248,638
Mop parts	—	—	75,680
Morticians' goods	—	—	262,977
Mortisers (wood working)	No.	37	39,718
Motorcycles	—	—	1
Motor driven appliances and equipment	—	—	1,292,047
Motors, electric, A.C. and D.C. (except starting motors)	No.	1,364,192	39,664,003
Motors, other, and parts	—	—	5,068,636
Moulders, wood-working	No.	27	263,255
Mouldings	—	—	10,138,994
Moulds for bakelite and rubber	—	—	4,310,132
Mould stools, ingot	—	—	1
Mounting (trade work)	—	—	1,363,895
Mowers, hay (horse and tractor)	No.	13,930	2,717,178
Mowers, lawn	"	54,124	2,067,103
Mucilage	—	—	158,127
Muffs, fur	No.	779	9,129
Muff beds	doz.	303	7,331
Munitions and other war supplies	—	—	54,137,582
Muriate of potash	ton	1,550	84,930
Music, printed	—	—	174,106
Musical powder boxes and music boxes	No.	18,065	70,354
Musical instruments and parts, n.e.s.	—	—	161,093
Mustard, dry	lb.	295,241	110,084
Mustard, prepared	—	—	1,666,698
Mustard, compound	lb.	91,636	30,173
Nails, aluminum	—	—	271,792
Nails, brass and copper:			
Quantity made	lb.	189,731	
Quantity shipped	"	169,390	88,589
Nails and spikes cut from plate:			
Quantity made	kegs	12,781	
Quantity shipped	"	13,776	168,512
Nails, tacks and brads, wire:			
Quantity made	"	1,437,831	
Quantity shipped	"	1,423,624	12,170,876
Nails, horseshoe and other, n.e.s.	—	—	192,472
Naphthalene	Imp. gal.	886,707	267,391
Naphtha V.M. and P. or solvent	"	20,602,341	5,894,317
Napkins, paper	M	2,479,471	2,953,049
Napkins, sanitary	—	—	7,751,445
Neckties	doz.	843,072	6,849,239
Neckwear, women's	"	29,426	270,040
Neck pieces, fur	No.	15,879	615,313
Needles, knitting machine	—	—	1
Needles, knitting, other	—	—	56,591
Nickel-silver, n.e.s.	lb.	432,227	322,026
Nightdresses:			
Cotton and flannelette	doz.	76,312	1,415,845
Silk, nylon and rayon	"	131,468	3,360,506
Night dresses, knitted and other n.e.s.	"	25,204	891,042
Nightshirts	"	2,647	66,029

1. Indicates the commodity was reported by only one or two concerns.

Alphabetical List of Commodities, 1953 — Continued

Items	Unit of measure	Quantity	Value of factory shipment
			$
Nitrobenzol	—	—	1
Nitrogen	—	—	1
Nitrous oxide	—	—	1
Non-ferrous alloys, n.e.s.	—	—	1
Novelties, advertising and other, n.s.	—	—	961,615
Novelties, plastic	—	—	1,105,638
Novelties, printed	—	—	1,399,919
Nuts, roasted, salted, etc. (see also "Peanuts, roasted, salted")	lb.	2,536,350	2,988,780
Nylon fabric (see "Silk and synthetic fabrics" and "Knitted fabrics")			
Oars and paddles	—	—	248,461
Oats, rolled	ton	42,336	6,478,389
Oatmeal	"	2,231	254,027
Offal, not specified	"	2,311,515	2,463,940
Oil burners and parts	—	—	13,329,669
Oilcloth, other than floor	—	—	1
Oil, aniline	—	—	1
Oil, cocoanut, crude and processed	lb.	27,824,633	4,729,615
Oil, cooking (blended)	—	—	1
Oil, core	—	—	665,984
Oil, corn, crude	—	—	1
Oil, corn, refined	—	—	1
Oil, cotton seed	lb.	9,065,734	1,934,741
Oil, creosote	gal.	14,125,888	3,895,908
Oil, fish (industrial)*	lb.	27,113,000	1,881,200
Oil, fish (vitamin)*	"	33,643,905	1,040,527
Oil, fish, n.s.*	"	3,403,434	1,060,740
Oil fuel:			
Aviation turbine	Imp. gal.	40,226,081	6,291,910
Diesel	"	380,308,463	39,379,087
Heavy fuel oil:			
For own use	"	183,206,231	12,186,910
For sale	"	1,017,137,918	64,546,612
Light fuel oil:			
For own use	"	274,750	34,181
For sale	"	647,522,619	79,736,113
Tractor	"	10,682,000	1,596,779
Oil, fusel, (sold)	"	43,080	21,075
Oil, lard	—	—	1
Oil, light n.e.s.	Imp. gal.	6,193,059	1,869,382
Oil, linseed, boiled	"	553,789	768,739
Oil, linseed, raw	"	6,367,636	7,247,997
Oil, linseed, special	—	—	4,187,662
Oil, lubricating	—	—	31,055,057
Oil, neatsfoot	lb.	697,161	83,691
Oil, oleo	"	2,530,016	344,574
Oil, palm and palm kernel	—	—	1
Oil, peanut	lb.	1,027,565	413,349
Oil, rape seed	"	3,988,420	507,457
Oil, soybean	"	93,773,422	13,770,098
Oil, stand blown, enamel, etc.	—	—	1
Oil, blended salad	lb.	1,371,632	284,053
Oil, stove	Imp. gal.	287,786,466	40,300,993
Oils, sulphonated, textile oils and other textile chemicals	lb.	6,891,362	1,194,740
Oil, sunflower seed	—	—	1
Oil, vegetable, n.e.s.	lb.	32,019,639	6,324,983
Oil, whale	—	—	1
Oils, other n.s.	—	—	765,513
Oleo stock	lb.	2,833,077	309,734
Olives, bottled, etc.	gal.	445,640	2,017,980
Optical equipment n.e.s.	—	—	265,323
Organs, electronic	—	—	1
Organs, other, and parts	—	—	1,204,723
Ornaments, n.s.	—	—	910,611
Ovens, commercial, cooking	No.	304	535,479
Ovens, industrial, electric	—	—	677,663
Overalls: (see also "Smocks, etc.")			
Bib:			
Men's and youths'	doz.	85,886	3,043,967
Boys'	"	13,258	209,915
Coveralls:			
Men's and youths'	"	59,313	3,411,942
Boys'	"	235	9,236
Dungarees and waist band:			
Men's and youths'	"	137,646	3,707,170
Boys'	"	162,123	3,199,706
Overall coats (jumpers) only:			
Men's and youths'	"	14,256	524,974
Boys'	—	—	1
Smocks, dusters and shop coats	doz.	28,939	1,334,800
Children's, all kinds	"	209,618	2,815,996
Oxygen	cu. ft.	897,743,238	7,418,809
Packing, asbestos	—	—	662,976
Packing, rubber	lb.	1,562,579	585,184
Packing, not specified	—	—	841,691
Pads, electric, heating	No.	127,512	473,166
Pads, couch	"	10,088	88,359
Pads, shoulder	doz.	1,406,689	1,515,609
Pads, stamp	—	—	44,501
Pads, stair	—	—	1
Pads, sweat	No.	30,353	37,076

1. Indicates the commodity was reported by one or two concerns.

Alphabetical List of Commodities, 1953 — Continued

Items	Unit of measure	Quantity	Value of factory shipment
			$
Pads and padding n.s.	—	—	2,154,382
Pails, paper	No.	7,312,665	237,636
Pails, tin	—	—	234,253
Pails and tubs, wooden, etc.	—	—	10,495
Painting equipment, n.s.	—	—	1,656,390
Paint, varnish and enamel removers	gal.	135,396	386,941
Paints, cement	—	—	1
Paint, latex emulsion	Imp. gal.	2,103,061	8,580,357
Paints, water-thinned:			
Resin emulsion paints, paste and semi-paint form:			
Interior	"	218,098	687,988
Exterior	"	19,769	52,234
Casein and other protein bound, (cold water paints):			
Interior	—	—	341,809
Exterior	—	—	261,790
Texture-type water paints	lb.	1,411,967	122,410
Calcimines:			
Hot water	"	1,466,764	155,349
Cold water			
Paints, ready mixed (including asphalt and tar)	Imp. gal.	11,227,811	42,208,227
Paints, paste (not including water-paste paints)	lb.	3,691,073	1,002,264
Paints and enamels, other (see also "Enamels")	—	—	726,930
Pallets (skids)	—	—	826,184
Panel boards and cabinets (included in "Switch gear and protective equipment")			
Pants, breeches, etc.:			
Breeches:			
Men's and youths':			
Cotton	doz.	92	3,574
Wool and wool mixtures	"	1,953	144,578
Boys':			
Cotton	"	883	21,698
Wool and wool mixtures	"	7,863	208,232
Pants and slacks, fine, separate, dress and sport:			
Men's and youths':			
Cotton or chiefly cotton	No.	98,141	301,824
Rayon	"	1,083,997	4,856,690
Rayon mixtures, chiefly rayon	"	641,075	3,469,450
Wool	"	948,455	8,822,577
Wool mixtures, chiefly wool	"	586,964	3,072,430
Boys':			
Cotton or chiefly cotton	"	329,435	674,468
Rayon	"	455,873	1,208,362
Rayon mixtures, chiefly rayon	"	304,879	866,702
Wool	"	204,624	909,745
Wool mixtures, chiefly wool	"	384,938	1,200,412
Pants, soccer, hockey, etc.	"	18,039	129,354
Pants, uniform, separate:			
Men's and youths':			
Military	No.	1,263,050	7,477,881
Non-military	"	117,742	1,362,175
Pants, work:			
Men's and youths':			
Cotton	doz.	228,983	8,167,975
Wool and wool mixtures	"	37,816	1,898,655
Boys':			
Cotton	"	41,218	997,117
Wool and wool mixtures	"	13,997	397,169
Pants, baby (plastic, rubber, etc.)	—	—	719,015
Pants, rubberized and oiled	doz.	1,340	50,889
Pants, not specified	"	61,751	832,874
Paper:			
Adding machine and cash register	—	—	426,217
Asbestos	—	—	1
Blotting, clay coated and enamelled	—	—	1
Blue print and photostat	—	—	2,153,584
Book (basic)	ton	93,157	21,115,338
Box cover, coloured	—	—	1
Writing pads, tablets, etc.	—	—	1,102,130
Building and roofing paper:			
Asphalt saturated rag and asbestos felt shingles and shingle type sidings	square	2,573,060	18,691,596
Mineral surfaced rag and asbestos felt roll roofing	"	883,820	3,228,562
Smooth surfaced rag and asbestos roll roofing	"	1,057,893	2,425,616
Roll type rag and asbestos felt siding	"	302,497	1,420,848
Tar and asphalt saturated rag and asbestos felts, not coated	ton	46,280	4,581,490
Tar and asphalt saturated and or coated sheathings	"	12,181	1,998,320
Other felts and sheathings	—	—	1
Insulated siding	—	—	1
Building papers, n.s. (basic)	ton	91,239	7,008,226
Carbon	—	—	3,360,115
Cigarette tubes and paper	—	—	978,102
Coated and other paper n.e.s.	lb.	38,316,256	7,531,816
Corrugated (paper and wrappers)	—	—	1,436,074
Creped or crinkled	lb.	2,182,952	810,756
Fabric	—	—	1
Fine (basic)	ton	106,008	32,582,155
Foolscap	ream	85,121	97,267
Friction or flint glazed	—	—	1
Gummed (in sheets)	—	—	1
Special, industrial (basic)	ton	10,047	2,878,946
Lining, pan, shelf, etc.	—	—	566,688

1. Indicates the commodity was reported by only one or two concerns.

Alphabetical List of Commodities, 1953 — Continued

Items	Unit of measure	Quantity	Value of factory shipment
			$
Paper — Concluded:			
Parchment, vegetable	—	—	1
Oiled	—	—	1
Paper napkins and doilies (see "Napkins" and "Doilies")			
Newsprint paper: (basic)			
In sheets, for printing	ton	61,428	8,238,743
In rolls for printing	"	5,652,268	621,936,217
Side runs for pulping	"	26,959	1,576,919
Counter rolls	—	—	1
Other	ton	23,407	2,494,730
Printing and specialty paper, ground wood	"	47,348	7,754,052
Safety paper, for cheques, etc.	—	—	975,158
Sanitary (basic)	ton	76,302	15,958,041
Tissue, converted	—	—	843,500
Tissue, other than sanitary, (basic stock)	ton	10,221	3,239,972
Toilet, converted	case	1,505,039	11,842,796
Towels, paper (see "Towels")			
Typewriter	ream	327,336	275,131
Vinylite	—	—	1
Wall paper	—	—	1
Waterproofed, other than waxed, n.e.s.	—	—	1
Waxed paper:			
Bread wrappers	lb.	34,076,738	7,440,773
Other, plain and printed	"	46,417,746	9,664,166
Wrapping paper: (basic stock)			
Unbleached sulphate kraft No. 1 and 2	ton	189,607	35,061,214
Bleached sulphate and or sulphite	"	26,880	8,065,303
Unbleached and semi-bleached sulphite and sulphate	"	3,927	959,406
Miscellaneous furnishes	"	11,130	2,343,334
Wrapping special	—	—	1
Paper, miscellaneous, n.e.s. (converted)	—	—	478,922
Paper goods	—	—	1,099,419
Paper board:			
Box board (basic stock)	ton	418,333	51,595,992
Building, rigid, insulating	"	129,976	13,304,506
Building, other (basic)	—	—	1
Container board:			
Container chip (basic stock)	—	—	1
Corrugating board (basic stock)	ton	145,068	16,909,644
Liners (basic stock)	"	236,917	29,678,077
Mounting board, photo, etc.	—	—	1
Clay coated and enamelled	—	—	1
Coated other, not specified	—	—	4,020,527
Wallboard, building board, n.e.s.	—	—	2,805,819
Wet machine boards (basic)	—	—	1
All other board and paper n.s.	—	—	1,731,200
Papeteries (stationery in boxes) see also "Paper — writing pads, tablets, etc.")	—	—	681,948
Parachutes and parachute equipment	—	—	1
Parafilm	—	—	1
Paraldehyde	—	—	1
Paste, adhesive	—	—	639,835
Paste, meat and chicken	lb.	4,506,176	2,263,912
Paste, flavouring	—	—	1
Paste, tooth (see "Dentifrices")			
Patterns and models, foundry and other, wood and metal	—	—	2,482,472
Patterns, paper	—	—	1,594,750
Peanut butter	lb.	24,369,126	7,535,843
Peanuts, roasted and salted (for sale) (see also "Nuts, salted etc.)	"	19,566,794	7,206,191
Pearls, artificial and simulated	—	—	593,280
Peas, split	—	—	1
Peavies, cant hooks and pike poles	—	—	368,354
Pectin (see also "Apple juice concentrate")	—	—	1
Pencils, non-mechanical	gr.	569,312	2,473,904
Pencils, mechanical	doz.	79,129	562,778
Pencil parts	—	—	43,329
Penicillin (included in "Antibiotics")			
Penicillin preparations	—	—	2,919,078
Penicillin — streptomycin preparations	—	—	1,172,035
Pennants	—	—	167,253
Pens, fountain and ball point	doz.	631,901	5,205,453
Pens, fountain, ball point and other, parts	—	—	599,616
Pentaerythritol	—	—	1
Pentasol acetate	—	—	1
Perchlorethylene	—	—	1
Percolators, electric (see "Coffee-makers, electric")			
Perfumes	—	—	1,319,358
Periodicals, printed by publishers:			
Newspapers daily:			
Gross revenue from advertising	—	—	109,795,330
Subscriptions and sales	—	—	39,925,916
Newspapers, weekly and other:			
Gross revenue from advertising	—	—	26,382,039
Subscriptions and sales	—	—	11,148,205
Magazines:			
Gross revenue from advertising	—	—	12,184,202
Subscriptions and sales	—	—	5,020,626
Other publications:			
Gross revenue from advertising	—	—	32,462,212
Subscriptions and sales	—	—	10,149,828
Phenol	—	—	1

1. Indicates the commodity was reported by only one or two concerns.

Alphabetical List of Commodities, 1953 — Continued

Items	Unit of measure	Quantity	Value of factory shipment
			$
Phenacetin	—	—	1
Phonographs, electrically operated (included with "Record players-electrically operated.")			
Phosphorus	—	—	1
Phosphorus sesquisulphide	—	—	1
Photo-engraving	—	—	11,200,998
Photographic materials, n.e.s. (including photo paper)	—	—	3,533,627
Photography (Commercial)	—	—	659,208
Phthalic anhydride	—	—	1
Pianos:			
Grand	No.	84	94,007
Upright	"	7,341	2,902,840
Piano strings and other parts	—	—	673,677
Pickets, wood*	M	6,056	632,655
Pickles, relishes and sauces (see also "Tomato Catsup")	gal.	6,048,822	12,367,497
Picrite	—	—	1
Pictures, framed	—	—	957,323
Pictures and mirror frames	—	—	728,793
Pies, cakes and pastry* (see also "Puddings, cakes, etc., canned")	—	—	72,358,539
Pies, meat*	—	—	1,096,956
Piling, sheet	—	—	1
Pillow cases (included in "Sheets and pillow cases cotton.")			
Pillow cotton (included in "Cotton fabrics")			
Pillows	—	—	1,443,235
Pins, plain and hair pins	—	—	1,420,790
Pipe and fittings, brass, bronze and copper	—	—	294,393
Pipe and fittings, cast iron, soil	ton	54,114	10,873,446
Pipe and fittings, cast iron, water	"	96,437	11,128,496
Pipe fittings, cast iron, other	"	10,264	4,066,225
Pipe, lead	lb.	3,048,214	674,991
Pipe fittings, malleable iron	ton	7,714	5,923,517
Pipe, sewer, clay	—	—	3,263,586
Pipe, sewer and culvert, cement	—	—	10,070,626
Pipe, culvert, n.e.s.	ton	30,348	10,048,163
Pipe, steel, rivetted and welded	—	—	1,577,196
Pipe and fittings, steel, n.e.s.	ton	132,444	26,788,158
Pipe and tubing, copper	—	—	1
Pipes, furnace and stove	—	—	784,462
Pipes, wooden	—	—	1
Pipes and fittings, other, n.s.	—	—	44,202
Pipes, tobacco	doz.	6,701	73,025
Pipes, tobacco (parts and accessories)	—	—	14,843
Piston rings, automobile	No.	21,685,596	3,024,885
Pistons, automobile, and pistor ring expanders	—	—	1,806,988
Pitch	ton	132,737	4,783,378
Planers, metal-working	No.	105	296,024
Planers, wood-working (included in "Matchers")			
Planing, custom	M ft. b. m.	769,365	5,812,490
Planters, corn	No.	1,850	132,172
Plastics, primary (see "Synthetic resins")			
Plate and tank work, steel, miscellaneous	—	—	16,453,996
Plate, black, not specified	ton	58,324	7,942,346
Plates, sheets and strips, brass, copper, etc.,	lb.	54,764,168	23,696,979
Plates, all kinds including boiler and other sheared plates	ton	220,539	23,136,938
Plates, metal, license, name, etc.	—	—	1,902,759
Plates, forks and spoons, paper	—	—	474,218
Plating, galvanizing salts	—	—	1
Platinum, refined and other platinum products	—	—	1,220,548
Play ground, track and field equipment	—	—	90,618
Play yards	—	—	56,642
Ploughs, agricultural:			
Disc	No.	2,199	1,123,515
Harrow ploughs, one-way discs, tiller combines	"	17,073	7,914,542
Mouldboard	"	15,898	2,882,754
Walking	"	1,506	29,806
Other	—	—	372,324
Ploughs, snow (included in "Snow removal equipment")			
Plugs, wooden	—	—	368,736
Plumbers' supplies, not elsewhere specified (Brass, copper, etc.)	—	—	15,814,708
Plywood	M sq. ft.	779,467	66,332,319
Poison, gopher and rat	—	—	195,683
Polish, furniture	—	—	762,730
Polish, metal	—	—	256,973
Polish, shoe	—	—	1,232,792
Polish, stove	—	—	49,474
Polishes and waxes, floor	—	—	11,379,978
Polishes and dressings, automobile	—	—	485,160
Polishes and dressings, n.s.	—	—	237,315
Polishers, floor, electric and other	No.	123,822	4,277,205
Polishing mitts and cloths	—	—	54,532
Polymer feed stocks	—	—	1
Popcorn	lb.	5,044,518	2,383,597
Post cards, printed	—	—	878,963
Posts; steel, fence	ton	4,144	546,532
Posthole diggers	—	—	1
Potassium chlorate	—	—	1
Potato chips, (factory made)	lb.	13,408,730	7,475,234
Potato pickers and diggers	No.	202	46,448
Pot holders and oven mitts	doz.	34,391	40,563
Pot scourers	—	—	649,053

1. Indicates the commodity was reported by one or two concerns.

Alphabetical List of Commodities, 1953 — Continued

Items	Unit of measure	Quantity	Value of factory shipment
			$
Pottery, glazed and unglazed	—	—	629,069
Pottery from imported clay	—	—	70,545
Poultry (see "Meats")			
Powder, baking	lb.	8,831,881	2,172,148
Powder, buttermilk	—	—	372,401
Powder, cream	lb.	31,670	18,880
Powder, custard	"	603,250	162,922
Powder, egg	"	655,204	1,379,478
Powder, food drinks	"	1,587,056	1,080,405
Powder, ice cream	"	2,147,787	803,807
Powder, jelly	"	15,071,578	5,368,076
Powder, whole milk	"	17,703,328	5,062,114
Powder, malted milk	"	791,606	153,353
Powder, skim milk	"	84,144,655	8,456,292
Powder, pudding (includes powders, pie filling)	"	18,091,008	5,334,368
Powder, whey	"	4,201,286	245,556
Powder, edible, n.e.s.	"	907,101	614,559
Powder, bronze, iron and aluminum	"	4,715,350	1,565,369
Powder, sachet	—	—	152,612
Powder, talcum and face	—	—	2,203,728
Power units	No.	14	6,269
Precious metal salts	—	—	1
Press cloths	—	—	1
Presses, tennis and badminton racquet	—	—	1
Presses, baling	—	—	1
Presses, hydraulic, and other power	—	—	3,650,108
Pressure cookers (included under "Kitchenware, aluminum")			
Printing, not elsewhere specified:			
Circular letters	—	—	2,126,054
General, for trade	—	—	1,238,395
Custom printing, (Paper supplied by customer)	—	—	3,598,724
Private and personal	—	—	2,285,158
Blue prints and photostats	—	—	1,183,173
Box covers, coloured	—	—	241,057
Periodicals printed for publishers	—	—	22,610,386
Other printed matter; menus, statements, bank notes, programmes, etc. (see also "Advertising matter")	—	—	17,163,957
Printing and painting on textile fabrics	—	—	1,730,834
Propane (included in "Gases, liquifying petroleum")			
Propellers and shafts	—	—	1
Publications, subscriptions and sales (see "Printing and Periodicals")			
Puddings, cakes, etc., canned and other	—	—	311,787
Puffs, powder	—	—	201,925
Pulleys, wood and other	—	—	409,237
Pulp, fruit (see "Fruit pulp")			
Pulpstones, artificial	—	—	1
Pulpwood (produced in Sawmills)	cds.	309,423	10,132,380
Pulp chips	—	—	9,964,234
Pulp, wood:			
Ground wood:			
Quantity made	S. ton	5,122,597	
Quantity sold	"	279,062	18,398,667
Sulphate:			
Quantity made	"	1,205,628	
Quantity sold	"	763,488	98,129,740
Sulphite, bleached:			
Quantity made	"	846,487	
Quantity sold	"	770,641	121,229,987
Sulphite, unbleached:			
Quantity made	"	1,552,056	
Quantity sold	"	433,609	47,418,907
Screenings:			
Quantity made	"	98,368	
Quantity sold	"	38,554	1,073,581
Other:			
Quantity made	"	251,927	
Quantity sold	"	43,830	5,379,797
Pumps:			
Centrifugal	—	—	8,365,104
Cistern and pitcher	No.	26,195	157,927
Deep well	"	1,449	65,193
Rotary	—	—	1,013,159
Sump	—	—	798,610
Vacuum	—	—	292,311
Steam	No.	2,008	1,535,610
Other power pumps	—	—	1,963,714
Gasoline dispensing pumps	—	—	3,110,195
Hand pumps	No.	46,165	335,646
Household water systems	"	45,036	4,631,998
Pump jacks	"	4,743	220,784
Pumps and pump parts, n.e.s.	—	—	2,063,277
Punching machines	—	—	1
Purses, pocket-books and folders	No.	1,319,405	1,610,360
Putty and fillers, n.e.s.	lb.	11,158,748	814,065
Pyjamas:			
Cotton and flannelette	doz.	366,101	8,046,607
Rayon and rayon mixtures	"	44,969	1,169,914
Not specified	"	74,429	1,977,270
Pyridine	—	—	1
Pyrometers	No.	60	15,759

1. Indicates the commodity was reported by only one or two concerns.

Alphabetical List of Commodities, 1953 — Continued

Items	Unit of measure	Quantity	Value of factory shipment
			$
Pyrotechnics and fireworks	—	—	1,044,740
Quilted goods	—	—	2,164,930
Quilts, bedspreads, etc.	—	—	628,415
Racquets, tennis, badminton	No.	39,095	201,926
Radar equipment (see "Radio communication equipment")	—	—	33,629,303
Radiators, automobile	—	—	5,968,583
Radiator and boiler compounds	—	—	250,594
Radiators, heating, concealed type	—	—	4,815,193
Radiators, heating, standing type	—	—	3,763,835
Radiators and parts, heating, n.s.	—	—	1
Radio communication equipment	—	—	27,031,544
Radio sets, tubes and accessories	—	—	56,663,208
Rafters, roof trusses and beams laminated	—	—	3,127,502
Rail, anchors	—	—	1
Rails, iron or steel:			
Quantity made	ton	303,318	
Quantity shipped	"	299,808	26,465,922
Rail frogs, switches and other track equipment	—	—	12,864,143
Railway car coach fittings, bearings, etc.	—	—	2,086,869
Rakes, hand	—	—	1
Rayon fabrics (see "Silk and synthetic fabrics" and "Knitted fabrics")			
Razor blades	No.	175,651,359	3,564,617
Razors, safety, electric and other	"	1,789,735	3,546,188
Recorders, time	—	—	1
Recorders, wire or tape	—	—	1
Record albums	—	—	1
Records, phonograph	No.	11,785,357	5,956,501
Record players, electrically operated	"	75,482	2,095,580
Rectifiers for storage battery charging and parts	—	—	1,104,320
Refractories:			
Cement, high temperature	ton	5,319	518,534
Firebrick from domestic clay	—	—	660,101
Firebrick from imported clay	ton	24,089	1,421,654
Other	—	—	6,057,712
Refrigerators and refrigeration equipment, n.e.s.:			
Household, mechanical, complete (electric and gas)	No.	275,415	50,943,211
Household, ice refrigerators:			
Metal	"	1,275	26,470
Wood	"	1,597	67,142
Commercial, wood	—	—	117,033
Steel cabinets for mechanical refrigerators	No.	9,536	536,423
Fixtures:			
Display cases, commercial	"	649	387,143
Display cases, other	"	2,434	1,607,286
Reach-ins, all sizes	"	1,672	722,387
Walk-in coolers	"	410	381,196
Refrigerator parts	—	—	2,640,449
Refrigeration equipment n.e.s.	—	—	7,289,395
Regalia, n.e.s.	—	—	2,207,111
Registers, cash	—	—	1
Registers and grills, air	—	—	1,396,928
Regulators, temperature	No.	13,038	114,714
Remedies, stock and poultry	—	—	2,253,639
Rennet (included in "Colours, food")			
Repair gums and fabrics*	lb.	858,511	715,516
Repair kits*	No.	790,678	296,413
Repair patches, tire and tube*	—	—	1,068,559
Resin film and resin film products	—	—	8,412,098
Resin coating, synthetic	—	—	1
Resins, vinyl acetate	—	—	1
Ribbons	—	—	2,923,023
Rice, cleaned, etc.	—	—	1
Rifles and shot guns (see "Firearms")			
Rings, fruit jar, rubber*	lb.	1,013,489	603,642
Rings, fruit jar, zinc	—	—	1
Rockwool	—	—	13,917,482
Rods, copper wire	—	—	1
Rods, iron and steel, wire:			
Quantity made	ton	286,471	
Quantity shipped	"	113,095	10,687,946
Roll covering, rubber	—	—	1
Rollers, land and land packers	—	—	715,249
Rollers, printers'	—	—	669,111
Rolls, rubber covered*	No.	231,430	956,786
Rolls, bending and straightening	"	372	135,197
Roof deck (metal)	—	—	1,344,805
Roofing, aluminum	—	—	1
Roofing preparations, n.e.s.	—	—	852,153
Rope:			
Manilla	lb.	6,684,780	2,827,685
Sisal	"	4,259,980	1,377,486
Jute and hemp	"	76,157	48,594
All other	"	273,002	311,741
Rubber, reclaimed, dispersions and other*	—	—	1
Rubber and rubber goods, hard*	lb.	499,911	585,832
Rubber coverings, linings, etc.*	"	614,196	1,354,301
Rubber goods, moulded*	"	2,056,475	1,709,214
Rubber goods, plumbers'*	—	—	1,677,098
Rubber goods, sanitary, n.e.s.*	doz.	437,965	110,641
Rubber goods, soft and sponge (including foamed latex)*	—	—	8,736,252

1. Indicates the commodity was reported by one or two concerns.

Alphabetical List of Commodities, 1953 — Continued

Items	Unit of measure	Quantity	Value of factory shipment
			$
Rubber automotive and aeroplane parts*	lb.	14,895,003	5,176,679
Rubber goods, not specified*	—	—	988,815
Rubber thread*	lb.	699,989	1,462,132
Rubber, synthetic	"	180,262,515	42,129,082
Rugs, automobile*	No.	134,036	550,285
Rules, wooden	—	—	242,435
Ruling (printing plants)	—	—	675,424
Runners and centres, table	—	—	59,873
Rust preventatives and removers	—	—	731,729
Saddles	No.	1,693	66,532
Saddle parts	—	—	16,385
Safes, vaults and fittings	—	—	2,023,173
Sails	No.	1,649	87,332
Salt, including value of containers	—	—	8,405,789
Salt, curing	—	—	1
Sanders (woodworking)	No.	2,716	50,606
Sandstone (building)	—	—	39,791
Sandwich relish and spread (see also "Paste, meat and chicken")	lb.	5,840,993	1,734,081
Sanitary ware	—	—	18,874,143
Sash, doors and other mill work	—	—	66,607,707
Sash, aluminum, brass, etc. (included in "Windows, complete, aluminum and other")			
Sauces, catsups and relishes (see "Tomato catsup" and "Pickles, relishes, etc.")			
Sauerkraut, canned*	lb.	9,839,321	840,665
Sauerkraut, other*	"	120,700	7,640
Sausage, casings	—	—	6,742,827
Sausage, canned, (see "Meats canned")			
Sausage, fresh or cured	lb.	84,829,516	32,870,598
Sawdust and waste, sold	—	—	930,884
Sawing, lumber, custom	—	—	258,479
Saws, all kinds	—	—	10,962,452
Saw parts and saw benches	—	—	1,050,557
Scales	No.	28,884	2,673,475
Scarves	doz.	344,591	2,615,299
School supplies, not specified	—	—	80,820
Scientific equipment, not specified	—	—	2,568,180
Scissors and shears	—	—	76,799
Scrap, aluminum	—	—	1
Scrap, brass, bronze and copper	—	—	1,092,204
Scrap, iron and steel	—	—	1
Screenings, barley, etc.	ton	37,572	1,751,024
Screens, window	—	—	1
Screens, industrial	—	—	1,590,612
Screens, projection	—	—	1
Screens, n.e.s.	—	—	1
Screws and screw machine products	—	—	16,791,496
Scufflers	No.	726	18,478
Scythes and snaths	—	—	126,405
Seals	—	—	273,258
Searchlights, floodlights, etc. (see "Fixtures, lighting")			
Seasonings, dry and liquid	—	—	1,362,180
Seed boxes for one-way discs etc.	No.	11,137	1,670,338
Seeders, horse, power and hand	—	—	1
Shades, window, shade cloth and fittings:			
Ordinary shades and blinds	—	—	2,204,182
Venetian blinds, all kinds, including strips	—	—	5,512,031
Shade cloth, rollers, etc.	—	—	914,696
Shakes, processed and stained (building purposes)	square	196,287	1,537,095
Shapers, metal-working*	No.	38	165,444
Shapers, wood-working	"	182	102,678
Sharpeners, pencil	—	—	1
Sharpening stones and files	—	—	416,414
Shawls	—	—	1
Shearing machines, metal working	—	—	1
Sheet forms, commercial etc., printed	—	—	41,192,045
Sheeting, cotton (included in "Cotton fabrics")			
Sheets and pillow cases, cotton	—	—	5,426,111
Sheets and sheeting, plastic, rubber and waterproofed	—	—	448,456
Sheet metal building materials, n.e.s.	—	—	9,666,136
Sheets, aluminum	—	—	1
Sheets, hoops, bands and strips, iron and steel (rolled and drawn)	—	—	119,077,156
Shellac	—	—	844,769
Shields, dress	doz.	45,064	143,139
Shims, railroad and other	—	—	359,525
Shingle bands*	M.	14,269	114,984
Shingles, asbestos	—	—	1
Shingles, wooden*	—	—	20,687,923
Shipbuilding and repairs*	—	—	191,214,180
Shirts, fine, men's, youths' and boys':			
Cotton	doz.	691,554	19,398,402
Silk, rayon and nylon	"	99,936	3,742,565
Shirts for formal wear	"	1,867	89,867
Shirts, work, men's, youths' and boys':			
Cotton	"	344,997	7,808,168
Wool and wool mixtures	"	44,452	1,505,352
Shirts, sport, men's, youths' and boys'	"	477,615	14,781,215
Shirts, T-Shirts	"	616,521	6,029,605
Shirts, sweat, jerseys, etc.	"	80,791	1,352,401
Shirts, not specified	"	125,121	1,752,573
Shock absorbers, automobile	No.	1,392,559	2,261,157
Shoddy, mungo and wool extract (see "Wool or part wool, reworked or reprocessed")			

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Alphabetical List of Commodities, 1953 — Continued

Items	Unit of measure	Quantity	Value of factory shipment
			$
Shoe materials, proxylin coated (included in "Fabrics, coated and impregnated")			
Shoe trimmings	—	—	314,531
Shoe uppers and tops	pr.	83,936	270,541
Shooks, box	M ft. b. m.	85,066	9,373,417
Shortening:			
Containing animal fat and marine oil	lb.	84,379,587	18,301,960
Wholly vegetable	"	51,605,052	12,729,507
Shorts and middlings	ton	442,946	22,903,630
Shovels, hand	—	—	249,028
Shovels, power	—	—	2,370,506
Shuttlecocks, badminton	—	—	1
Signal systems (traffic, fire alarms, etc.)	—	—	2,021,205
Signs, electric, gas, neon and other luminous	—	—	8,009,595
Signs, metal, etc.	—	—	3,030,379
Silicon carbide, crude	ton	52,903	7,438,243
Silico manganese, silico spiegel, etc. (included in "Ferro-alloys")			
Silk and synthetic fabrics, broadwoven:			
All silk mixtures containing silk	yd.	237,222	269,149
All continuous filament synthetic yarn:			
Rayon (see also "Knitted fabrics")	"	58,879,511	38,309,693
Nylon (see also "Knitted fabrics")	"	7,037,238	6,142,835
Spun rayon and spun rayon mixtures	"	20,047,819	15,101,101
Mixtures of continuous filament rayon and spun rayon	"	4,443,023	4,002,444
Mixtures of continuous filament rayon and cotton	"	2,742,237	2,140,151
Mixtures of spun rayon and cotton	"	1,541,024	1,568,089
Mixtures of rayon and wool	"	748,747	820,441
Other synthetic mixtures	"	1,227,227	944,346
Silk screen printing	—	—	1
Silos	—	—	1
Silver alloys	—	—	846,089
Silver, fine	—	—	1,172,075
Silver, sterling, melted, rolled, etc.	—	—	3,036,286
Size	lb.	16,845,290	1,329,207
Skates, ice	pr.	355,662	727,839
Skates, roller	"	59,621	171,332
Skewers, n.e.s.	—	—	1
Skiis	pr.	96,971	375,082
Ski poles and fittings	—	—	169,718
Skins, calf	No.	639,295	2,960,358
Skins, sheep	—	—	2,175,355
Skins, pickled	No.	550,070	570,786
Skins, dressed (excluding raw)	—	—	2,023,394
Skips and cages (mining and metallurgical)	—	—	309,055
Skirts:			
Cotton	No.	1,316,329	2,845,831
Rayon and rayon mixtures	"	1,752,694	5,850,378
Woollen	"	1,327,842	7,204,930
Other	—	—	483,581
Slabs and edgings	cord	738,017	2,618,086
Sleighs, baby	No.	12,724	45,294
Sleighs, children's	"	130,080	320,006
Sleighs, dog	"	314	7,294
Sleighs, horse-drawn, etc. (see also "Vehicles, farm sleighs, etc.")	"	828	99,144
Slicers, meat and bread	"	—	1
Slippers: (see also "Footwear, felt")			
Babies'	pr.	49,288	50,475
Boys'	"	93,776	152,669
Children's, including little gents	"	246,404	316,357
Men's	"	764,294	1,842,489
Misses'	"	222,733	313,280
Women's and growing girls'	"	1,155,426	2,284,453
Youths'	"	33,964	52,063
Slippers, Indian:			
Babies'	"	17,096	19,907
Boys'	"	25,183	41,281
Children's, including little gents	"	272,023	266,600
Men's	"	176,411	444,231
Misses'	"	415,987	450,337
Women's and growing girls	"	1,665,162	2,326,859
Youths'	"	675	1,418
Slippers, not specified	—	—	582,206
Smelter and refinery products*	—	—	870,918,142
Smocks, women's	doz.	19,547	616,511
Smoke breeching	—	—	936,913
Smoker sets and smokers' supplies, n.e.s.	—	—	719,714
Smokestacks, steel	—	—	230,029
Snow shoes	—	—	41,478
Snowmobiles and parts	—	—	1
Snow removal equipment	—	—	2,018,321
Soap:			
Castile	lb.	956,129	209,089
Household and laundry (bars)	"	21,286,945	3,129,947
Household and laundry (chips and flakes)	"	21,563,370	3,944,495
Liquid, not specified	—	—	1,335,592
Polishing or scouring	lb.	91,277	9,957
Powder	"	73,942,855	13,085,173
Soft	"	3,927,571	413,243
Textile and mill	"	4,388,842	551,814
Toilet (bars and liquid)	"	38,812,452	11,285,474
Shaving, including shaving creams	"	1,730,504	2,329,034

1. Indicates the commodity was reported by only one or two concerns.

Alphabetical List of Commodities, 1953 – Continued

Items	Unit of measure	Quantity	Value of factory shipment
			$
Soap – Concluded:			
Hand soap and pastes, mechanics	lb.	2,879,722	416,312
Hard, all other	"	739,930	71,356
Soap, not specified	–	–	416,150
Soap stock	–	–	99,586
Sodium azide	–	–	1
Sodium benzoate	–	–	1
Sodium carbonate	–	–	1
Sodium carboxymethyl cellulose (see "Carboxel")			
Sodium chlorate	–	–	1
Sodium cyanide	–	–	1
Sodium hydroxide	lb.	296,459,277	8,393,168
Sodium hypochlorite	–	–	1
Sodium metabisulphite	–	–	1
Sodium metasilicate	–	–	1
Sodium phosphate, monosodium, disodium, trisodium and tetrasodium	–	–	1
Sodium pyrophosphate	–	–	1
Sodium silicate	–	–	1
Sodium sulphate and sulphite	–	–	1
Sodium thiosulphite	–	–	1
Sodium tripolyphosphate	–	–	1
Solder	lb.	11,242,213	5,087,584
Soling, rubber:*			
Rubber and composition soles	pr.	6,234,011	2,219,075
Rubber and composition half-soles	"	1,058,202	320,594
Soling and slabs for heels, rubber	lb.	11,656,776	3,540,782
Soles, tap and other, leather	pr.	3,505,999	1,657,843
Soles, felt and other (insoles)	–	–	955,026
Soup, canned (excluding infants' soups)*	lb.	192,816,753	33,185,145
Soup, dehydrated	"	619,402	432,169
Soup mixtures	"	6,557,420	4,830,203
Soup filler or cracker meal	–	–	1
Soya bean products, n.e.s.	–	–	1
Spades and shovels	No.	884,844	1,372,029
Spark plugs	"	24,577,329	6,931,074
Speed reducer units	–	–	1,632,035
Spice compound	lb.	228,249	110,413
Spices, mixed, whole or ground	"	4,078,863	4,521,379
Spikes, railway	–	–	2,087,052
Spikes, other	–	–	244,183
Spinning, custom	–	–	2,666,255
Spinning, metal, etc.	–	–	1
Spinning wheels	–	–	1
Spirits, produced during the year but placed in bond for maturing:			
Whiskey	pf. gal.	9,717,425	7,233,956
Neutral spirits, grain	"	7,801,588	5,890,498
Neutral spirits, molasses	"	405,994	207,515
Spirits, beverage, sold outside the Distilling Industry:			
Whiskey, Highland type	"	198,869	1,604,969
Whiskey, Rye type	"	10,523,906	85,761,941
Whiskey, other types	"	20,832	170,133
Gin	"	994,790	5,550,265
Brandy	"	33,933	318,532
Rum	"	381,805	2,687,005
Other beverage spirits	"	291,031	1,623,033
Sponges, cellulose	–	–	1
Spools, bobbins and shuttles	–	–	1,219,659
Sport gloves and mitts	–	–	1,046,444
Sporting goods, not specified	–	–	566,051
Spraying and dusting machines and equipment, including hand sprayers	–	–	1,376,994
Springs, automobile, chassis	–	–	10,042,112
Springs, bed:			
Box	No.	116,856	2,749,940
Coil	"	18,989	179,958
Cable	"	117,789	695,007
Link	"	68,565	534,590
Slat	"	246,570	2,592,732
Bed, n.e.s.	–	–	390,533
Springs (upholstering) and constructions for automobiles and trucks	–	–	9,786,202
Springs, upholstering, other	–	–	2,661,225
Springs, for cars and locomotives*	–	–	1,427,629
Springs, n.e.s.	–	–	2,080,888
Squares, hardwood*	–	–	1,999,065
Stabilizers, ice cream, etc.	lb.	170,687	96,631
Stains	Imp. gal.	348,673	924,973
Stampings, metal, n.e.s.	–	–	8,310,146
Stamps, rubber	–	–	1,050,376
Stamps, postage, revenue, etc.	–	–	1,090,373
Stamps, not specified	–	–	228,442
Staples, wire	kegs	29,095	292,028
Starch, corn, edible	–	–	1
Starch, corn, laundry	–	–	1
Starch and flour, potato	–	–	1
Starch, wheat	–	–	1
Starch, blended	–	–	1
Starch, n.e.s.	–	–	1
Stationery goods, not specified	–	–	821,617
Statues, art goods and church supplies	–	–	1,185,655
Staves, barrel*	M.	43,249	1,155,538
Steam traps, etc.	–	–	1,218,021

1. Indicates the commodity was reported by only one or two concerns.

Alphabetical List of Commodities, 1953 — Continued

Items	Unit of measure	Quantity	Value of factory shipment
			$
Stearine	lb.	1,428,657	148,269
Steel erected (structural work):*			
Bridges	ton	12,956	4,676,594
Buildings	"	209,520	70,001,923
Transmission towers	—	—	8,206,760
Other	ton	49,346	12,734,385
Steel shapes, structural (angles, channels, tees, etc.):			
Quantity made	"	281,152	
Quantity shipped	"	271,747	29,640,953
Steel and alloy steel ingots:			
Quantity made	"	4,009,548	
Quantity shipped	"	32,172	2,541,148
Steel, miscellaneous	—	—	26,385,584
Steel wool	—	—	1
Stellite	—	—	1
Steepwater	—	—	1
Stencils	—	—	334,377
Stockinette (see "Knitted fabrics")			
Stocking dryers	—	—	33,085
Stokers, mechanical	—	—	1,358,400
Stoker parts	—	—	779,008
Stone, artificial	—	—	2,529,703
Store fixtures, n.e.s.	—	—	1
Stoves, heating and cooking:			
Coal, wood or sawdust	No.	98,388	5,360,864
Solid fuel or oil with electric or gas combination	"	22,173	3,455,425
Electric stoves or ranges, all styles	—	—	28,126,689
Electric rangettes	No.	51,828	1,873,194
Gasoline, fuel oil, or kerosene stoves or ranges, (cooking)	"	48,396	1,442,317
Gasoline, fuel oil, or kerosene stoves or space-heaters (heating)	"	55,160	2,843,579
Gas stoves and ranges (cooking)	"	31,300	3,693,445
Gas stoves (heating)	"	8,853	275,938
Gas cooking plates, no oven	"	1,592	18,229
Other stoves and parts including cafeteria, restaurant, etc.	—	—	2,307,093
Stove pipes and elbows	—	—	1,446,446
Straps, leather	doz.	57,934	154,105
Straws, drinking	M.	789,483	449,756
Streptomycin (included in "Antibiotics")			
Streptomycin preparations	—	—	127,865
Styrene	—	—	1
Sugar butter	lb.	4,494,917	828,029
Sugar, granulated:			
Beet	"	273,238,450	24,363,969
Cane	"	914,562,024	72,448,355
Sugar, brown or yellow	"	123,609,259	9,529,497
Sugar, icing (starch added)	"	66,598,855	6,024,617
Sugar, invert	—	—	1
Sugar, loaf	lb.	11,840,435	1,257,230
Sugar of milk	—	—	1
Sugar, pulverized (no starch added)	lb.	3,512,825	300,246
Suits: (see also "Clothing, suits, sport")			
Boys':			
Rayon	No.	43,277	450,845
Rayon and wool, chiefly rayon	"	23,782	212,041
Rayon and wool, chiefly wool	"	37,513	353,231
Wool	"	53,761	735,182
Children's:			
Cotton	"	128,028	225,583
Silk and rayon	"	55,875	228,060
Wool	"	18,537	128,101
Playsuits and wash suits, n.s.	doz.	108,510	1,359,620
Not specified	No.	3,993	8,848
Men's and youths':			
Rayon	"	94,656	1,809,499
Rayon and wool, chiefly rayon	"	147,575	3,317,734
Rayon and wool, chiefly wool	"	167,646	4,952,532
Wool	"	1,417,235	53,917,459
Not specified	"	8,825	34,396
Women's and misses':			
Cotton	"	8,349	82,567
Linen	"	28,704	258,493
Silk and rayon	"	213,525	2,944,299
Wool	"	457,623	11,861,131
Not specified	"	20,496	937,586
Suits and dresses, women's and children's, knitted see ("Dresses, wool, knitted")			
Suits, slack:			
Boys':			
Cotton and other	No.	9,964	53,758
Men's and youths':			
Cotton	"	4,766	72,926
Other	"	2,500	25,000
Suits, uniform:			
Men's and youths':			
Military	"	160,210	3,825,814
Non-military	"	91,915	3,247,047
Sulphonamide (sulpha) preparations	—	—	1,235,853
Sulphur	—	—	1
Sulphur dioxide, liquid	—	—	1
Superheaters	—	—	1
Superphosphate milled, screened and bagged	ton	14,479	521,064

1. Indicates the commodity was reported by only one or two concerns.

Alphabetical List of Commodities, 1953 – Continued

Items	Unit of measure	Quantity	Value of factory shipment
			$
Superphosphate, other (included in "Fertilizers, other than mixed")			
Surfacers, wood-working	No.	99	35,084
Surgical and orthopaedic appliances and surgical dressings:			
Surgical bandages and dressings	–	–	1
Surgical belts	No.	110,985	951,695
Surgical stockings, elastic	–	–	518,152
Orthopaedic corsets	pr.	14,060	79,638
Artificial limbs	No.	1,005	248,561
Foot easers, arch supports, knee caps, etc.	–	–	192,511
Trusses	No.	71,082	210,036
Other surgical supports	–	–	640,080
Surgical instruments and orthopaedic appliances, not specified	–	–	458,432
Suspenders, supporters and garters	doz.	295,769	1,363,954
Swathers	No.	11,671	6,675,766
Sweaters, jackets, etc.	doz.	1,011,743	25,748,971
Sweeping compounds	–	–	634,919
Switch gear and protective equipment (except telephone switch-boards)	–	–	40,907,862
Synthetic and plastic products, n.e.s.	–	–	40,440,094
Syringes, fountain and attachments*	doz.	27,354	151,174
Syrup, beverage	gal.	504,535	1,044,018
Syrup, corn	–	–	1
Syrup, fountain, fruit, etc.	–	–	3,010,827
Syrup, table	–	–	677,630
Syrups from cane, not including molasses	–	–	1
Syrups for soft drinks (for sale)	gal.	3,398,381	6,707,276
Syrup making equipment (maple)	–	–	1,320,488
Table cloths and napkins (fabric)	–	–	830,231
Table cloths, plastic	doz.	49,283	437,439
Tableware, plastic	–	–	1,622,034
Tableware, pottery	–	–	3,013,343
Tacks, cut, wire	–	–	917,309
Tags and labels, shipping	–	–	18,840,609
Tags and tickets, price	–	–	3,024,126
Tailors' supplies, n.e.s.	–	–	4,095,609
Tallow	–	–	6,471,452
Tankage, animal	ton	42,045,613	1,934,626
Tanks, steel, storage, black, galvanized, etc.	–	–	21,451,124
Tanks, pressure, n.e.s.	–	–	5,869,646
Tanks, steel, pneumatic	–	–	725,208
Tanks, steel, septic	–	–	546,083
Tanks, other, not specified	–	–	3,897,851
Tanners' bate	–	–	1
Tape, adhesive	–	–	1,556,397
Tape, rubber and friction*	lb.	2,340,590	1,634,571
Tape, paper, gummed	–	–	4,589,847
Tape, pressure, sensitive*	–	–	1
Tape, telegraph	–	–	1
Tapes, fabric	–	–	2,790,602
Tapes, measuring, steel, etc.	–	–	1
Tapestries and other upholstering fabrics	–	–	7,593,957
Tapioca	–	–	1
Tar, coal, crude*	Imp. gal.	45,893,876	5,596,529
Tar, refined*	"	4,742,967	842,477
Targets, clay	–	–	1
Tea, blended, etc.	lb.	44,053,607	41,067,683
Telephone material	–	–	43,974,589
Television receiving sets and equipment	–	–	82,851,518
Tenoners, wood-working	No.	20	23,755
Tents	"	33,867	1,160,889
Textile and leather specialties, n.e.s.	–	–	2,903,760
Thermometers, all kinds	No.	621,100	552,776
Thickeners, mining and metallurgical	–	–	1
Thinners, pyroxylin	Imp. gal.	2,292,978	3,471,035
Thiourea	–	–	1
Thread, cotton	–	–	10,434,015
Thread, rayon, silk, etc.	–	–	1,290,950
Threading machines	–	–	1
Threshers, and combine reaper-threshers and attachments	No.	32,679	63,768,611
Ties, wooden*	"	7,646,227	14,552,626
Tile, asphalt	–	–	1,963,090
Tile, drain (from domestic clay)	No.	36,998,000	2,194,449
Tile, floor (from domestic clay)	sq. ft.	182,466	75,982
Tile, floor and wall (from imported clay)	–	–	1
Tile, gypsum	–	–	1
Tile, hollow blocks including fireproofing and load-bearing tile	ton	209,879	3,582,625
Tile, haydite and other haydite products	–	–	1
Tile, plastic	–	–	2,294,797
Tile, other, not specified	–	–	693,311
Tiling and flooring, rubber*	lb.	10,299,105	2,642,896
Time switches	–	–	1
Tin alloys	–	–	1
Tin	lb.	250,949	207,036
Tinned plate and scrap	–	–	304,970
Tinware, japanned or not	–	–	800,910
Tire braids, auto	–	–	1
Tire fabrics*	lb.	29,235,247	23,059,763
Tires and tubes:*			
Balloon, casings	No.	5,615,040	131,731,596
High pressure casings	–	–	1
Balloon and high pressure inner tubes	No.	4,341,361	11,733,246

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Alphabetical List of Commodities, 1953 — Continued

Items	Unit of measure	Quantity	Value of factory shipment
			$
Tires and tubes — Concluded:			
Aeroplane tires	No.	19,893	823,469
Aeroplane tubes	"	10,756	52,437
Bicycle tires	"	524,403	627,373
Bicycle tubes	"	454,483	281,453
Implement and tractor tires	"	448,110	9,678,456
Implement and tractor tubes	"	407,855	1,237,786
Industrial tires	"	25,352	259,883
Motorcycle tires	"	4,287	51,143
Motorcycle tubes	—	—	1
Other rubber tires, n.e.s.	—	—	315,762
Tires, railway car	—	—	1
Tissues, cleansing, paper	—	—	1
Toasters, electric	No.	306,044	2,522,067
Tobacco:*			
Chewing, cut and twist	lb.	166,922	351,926
Chewing, plug	"	1,281,183	2,900,875
Smoking, leaf	"	53,360	42,162
Smoking, cut	"	26,307,476	64,995,098
Smoking, plug	"	297,924	679,020
Snuff	"	834,251	2,161,738
Stems and cuttings	—	—	18,495
Tobacco, raw leaf, processed*	lb.	120,793,167	66,757,162
Tobacco curing equipment	—	—	166,300
Tobacco pouches	—	—	46,094
Toboggans	—	—	367,642
Toilet preparations, n.e.s.:			
Bath salts and bath oils	—	—	488,605
Brilliantine, solid	—	—	65,543
Compacts (powder and rouge)	—	—	140,881
Creams, solid or liquid, all kinds	—	—	3,271,621
Home permanent wave kits	—	—	3,548,569
Rouge and lipsticks	—	—	1,884,495
Shampoos and hair rinses	—	—	3,724,399
Bay rum, hair tonics, brilliantine, liquid	—	—	3,557,393
Toilet water and lotions	—	—	4,792,535
All other	—	—	5,714,602
Toiletware, silver and brass	—	—	353,422
Toiletware and dresserware	—	—	520,852
Toluene*	—	—	782,981
Tomato catsup, canned*	lb.	1,740,711	223,121
Tomato catsup, other*	"	23,652,484	5,642,124
Tomato juice*	"	105,678,492	8,748,155
Tomato paste and puree*	"	2,940,247	459,401
Tomato pulp*	"	3,131,129	238,683
Tools, carpenters' and mechanics' other than portable pneumatic and electric tools	—	—	4,181,551
Tools, machine, n.e.s.	—	—	6,528,343
Tools, small, cutting	—	—	7,063,976
Tools, n.e.s.	—	—	8,210,097
Toothpicks	—	—	1
Toppings for ice cream and cake	—	—	1,030,285
Towelling (included in "Cotton fabrics")			
Towels, all kinds	—	—	5,486,998
Towels, paper	case	751,184	3,512,462
Toys:			
Metal	—	—	2,347,334
Plastic	—	—	4,346,095
Rubber*	doz.	117,021	569,836
Wooden	—	—	854,689
Miscellaneous, including model aeroplanes	—	—	2,735,038
Tractors	—	—	1
Trade work, n.e.s. (printing plant)	—	—	2,822,744
Trailers:			
Cabin or house type	—	—	2,091,014
Commercial (except logging)	—	—	14,613,086
Logging	—	—	470,633
Not specified	—	—	760,469
Transfers, paper, decalcomania	—	—	1,918,819
Transfers, paper, dry	—	—	161,754
Transformers	—	—	59,133,346
Transformer parts	—	—	1
Transmission towers, electric (see "Steel erected, structural work")			
Traps and fittings, lead	lb.	1,660,715	607,018
Traps, mouse and rat, etc.	—	—	119,929
Trays, food	—	—	419,607
Trichlorethylene, refined	—	—	1
Trimmings, not specified	—	—	908,059
Trophies	—	—	434,235
Trucks, factory and other hand trucks	—	—	1,743,662
Trucks, other n.e.s.	—	—	164,923
Trunks, all kinds	No.	133,410	1,243,668
Tubes, collapsible	—	—	1
Tubes, television	No.	279,319	4,929,984
Tubes, n.e.s.	—	—	643,974
Tubing, brass, bronze and aluminum	lb.	12,950,893	6,842,044
Tubing, rubber*	"	420,681	255,789
Tubing, steel	—	—	1
Tubing and wristing, knitted	lb.	523,250	738,995
Tubes, laundry, cement	No.	32,149	482,699
Turbines and water wheels	—	—	12,137,734

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Alphabetical List of Commodities, 1953 – Continued

Items	Unit of measure	Quantity	Value of factory shipment
			$
Turpentine	–	–	1
Twine and cordage:			
Baler twine, all sisal	lb.	22,823,373	3,864,113
Binder twine, all sisal and chiefly sisal	"	33,839,461	5,605,069
Binder twine, other	"	56,730	14,994
Other twine, all sisal	"	4,970,058	1,593,304
Other twine, all hemp and all flax	"	224,553	179,522
Other twine, all jute	"	1,355,064	514,953
Other twine and cordage, not specified	–	–	3,946,615
Type and type metal	–	–	1,729,250
Typesetting (trade composition)	–	–	5,714,290
Typewriters	No.	94,960	7,096,824
Typewriter and other ribbons	–	–	1,893,706
Typewriter parts n.s.*	–	–	25,744
Umbrellas	doz.	40,671	1,193,940
Undertakers' supplies, n.e.s. (see "Morticians' goods")			
Underwear, knitted, or of knitted fabrics:			
Men's and youths':			
Combinations:			
Cotton or chiefly cotton	"	228,698	5,559,238
Rayon or chiefly rayon	"	2,052	37,997
Wool or chiefly wool	"	32,205	1,686,822
Shirts:			
Cotton or chiefly cotton	"	457,373	3,474,630
Rayon or chiefly rayon	"	3,990	31,804
Wool or chiefly wool	"	16,361	482,888
Drawers:			
Cotton or chiefly cotton	"	167,437	2,029,186
Wool or chiefly wool	"	10,478	340,369
Shorts:			
Cotton or chiefly cotton	"	505,550	3,454,705
Other	"	18,633	210,228
Not specified	"	3,142	44,844
Boys':			
Combinations:			
Cotton or chiefly cotton	"	86,244	1,312,861
Wool or chiefly wool	"	1,059	31,796
Shirts:			
Cotton or chiefly cotton	"	76,485	399,421
Drawers':			
Cotton or chiefly cotton	"	40,026	295,021
Shorts:			
Cotton or chiefly cotton	"	99,797	451,608
Not specified	"	576	6,686
Women's and Misses':			
Combinations:			
Cotton or chiefly cotton	"	28,136	211,568
Rayon or chiefly rayon	"	94	1,244
Wool or chiefly wool	"	390	14,488
Drawers:			
All kinds	"	55,180	215,568
Bloomers, panties, etc:			
Cotton or chiefly cotton	"	221,703	1,355,396
Nylon	"	154,334	1,161,982
Rayon or chiefly rayon	"	865,520	4,498,676
Wool or chiefly wool	"	9,290	169,187
Vests:			
Cotton or chiefly cotton	"	119,969	847,960
Rayon or chiefly rayon	"	24,430	176,700
Wool or chiefly wool	"	8,980	176,156
Other, n.e.s.	"	2,306	12,341
Girls':			
Combinations:			
Cotton or chiefly cotton	"	1,831	19,141
Bloomers, panties, etc.:			
Cotton or chiefly cotton	"	114,167	497,821
Rayon or chiefly rayon	"	16,829	59,455
Other n.s.	"	4,369	19,394
Drawers:			
Not specified	"	2,143	13,348
Vests:			
Cotton or chiefly cotton	"	88,224	415,022
Not specified	"	1,230	9,600
Children's and infants':			
Combinations:			
Cotton or chiefly cotton	"	13,595	78,734
Not specified	"	587	10,354
Drawers, bloomers and panties:			
Cotton or chiefly cotton	"	429,815	1,234,352
Nylon and chiefly nylon	"	7,808	33,963
Rayon or chiefly rayon	"	200,615	560,456
Wool or chiefly wool	"	300	3,475
Vests:			
Cotton or chiefly cotton	"	230,194	1,177,070
Rayon or chiefly rayon	"	1,488	21,162
Wool or chiefly wool	"	4,905	57,735
Not specified	"	3,954	31,844

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Commodities, 1953 — Continued

Items	Unit of measure	Quantity	Value of factory shipment
			$
Underwear, woven fabrics:			
Men's and youths':			
Shorts:			
Rayon	doz.	2,576	27,995
Cotton	"	116,001	1,029,964
Nylon	"	1,384	16,834
Not specified	"	7,813	53,166
Women's and misses':			
Bloomers, panties, etc.:			
Cotton or chiefly cotton	"	6,786	28,085
Rayon or chiefly rayon	"	96,339	409,850
Nylon or chiefly nylon	"	35,875	256,547
Children's:			
Bloomers, panties, etc.:			
Cotton or chiefly cotton	"	146	1,686
Rayon or chiefly rayon	"	11,156	35,637
Other	"	260	3,249
Underwear, not specified:			
Men's and boys'	"	13,262	132,004
Women's and misses'	"	14,169	150,525
Children's	"	179	958
Not specified	"	52,041	527,953
Underslips:			
Rayon	"	304,682	5,211,794
Rayon mixtures	"	117,113	2,208,522
Cotton	"	143,327	2,077,363
Nylon	"	164,298	3,974,718
Not specified	"	105,551	2,487,532
Uniforms, cotton (nurses, maids, etc.)	"	57,119	2,094,452
Uniforms, military (see "Jackets," "Pants" and "Suits")			
Uniforms, other (see also "Pants, uniform" and "Suits, uniform")	"	6,651	284,085
Upholstering materials, (see "Tapestries")			
Valves, brass and bronze	—	—	6,915,720
Valves, iron	—	—	5,636,209
Valves, steel	—	—	2,871,331
Valves, tire	—	—	1,892,241
Valves, not specified	—	—	1,494,476
Varnishes	—	—	9,878,783
Vaults, burial, cement and other	No.	6,717	367,361
Vegetable salad	—	—	1
Vegetables, canned:*			
Asparagus	lb.	3,895,794	1,345,804
Beans, baked	"	84,352,210	9,400,554
Beans, green or wax	"	53,291,761	5,821,429
Beans, lima	"	1,066,162	131,550
Beets	"	10,481,486	989,207
Carrots	"	6,121,984	483,208
Carrots and peas	"	6,211,507	826,714
Corn, cream of, whole grain, etc.	"	59,983,314	7,571,631
Mushrooms	"	1,483,894	914,687
Peas	"	98,225,045	13,505,117
Pumpkin and squash	"	6,983,982	537,440
Spinach	"	1,850,453	219,017
Tomatoes	"	87,288,398	6,918,796
Vegetables, mixed	"	9,849,875	1,039,284
Vegetables, other	"	5,768,292	732,188
Vegetables, evaporated and dehydrated*	"	106,370	62,992
Vegetables in brine*	"	510,030	56,550
Vegetables; frozen or cold pack	"	20,720,253	3,538,837
Vegetables in SO_2	—	—	1
Vegetable juices, canned	—	—	1
Vegetable peelers and slicers	—	—	1
Vehicles, children's	—	—	2,270,529
Vehicles, farm sleighs, wagons and trucks (see also "Sleighs")	—	—	452,893
Veils and veiling	—	—	1
Veneer*	—	—	18,644,669
Veneer logs*	M ft. b.m.	6,254	696,643
Veneer and plywood products n.e.s.	—	—	849,188
Ventilators	—	—	1,578,377
Vermiculate	—	—	1,522,092
Vestments	—	—	427,029
Vest, woollen (outerwear)	No.	10,016	67,222
Vests, other (outerwear)	—	—	248,357
Vinegar made for own use	Imp. gal.	770,539	—
Vinegar made for sale:*			
Spirit	"	8,884,450	2,765,541
Cider	"	706,105	288,462
Malt	"	338,495	163,911
Vinyl acetate	—	—	1
Vitamin preparations	—	—	13,714,888
Waffle irons	No.	37,487	395,636
Wagons (see "Vehicles, farm sleighs, wagon and trucks")			
Wall board, asbestos cement	—	—	1,239,769
Wall board, gypsum	sq. ft.	251,784,173	8,703,184
Wall board, paper (see "Paper board")			
Wall plaster, gypsum	—	—	4,031,755
Wall plaster, other	—	—	683,427
Wardrobes, wall board	—	—	287,790
Wash boards	No.	87,696	47,792
Washers, leather	doz.	6,056,696	362,699

1. Indicates the commodity reported by only one or two concerns.

Alphabetical List of Commodities, 1953 – Continued

Items	Unit of measure	Quantity	Value of factory shipment
			$
Washers and gaskets, iron, steel, etc.	–	–	3,943,471
Washing compounds	–	–	637,187
Waste, cotton and wool	–	–	5,258,498
Waste, wood	ton	90,065	481,775
Waste, other, not specified	–	–	2,571,519
Watches, assembled	No.	809,529	8,347,832
Watch bracelets, cases, etc.	–	–	1,036,565
Water, aerated	gal.	110,174,824	94,076,502
Water, distilled	"	161,069	25,920
Water, mineral, natural	–	–	123,430
Waterproofing of fabrics*	–	–	419,919
Waterproofing preparations	–	–	301,251
Wax and wax compounds all kinds	–	–	3,609,695
Wax, sealing	–	–	1
Waxers and wax appliers	–	–	52,895
Weatherstrip	–	–	1,328,814
Weaving, custom	–	–	4,385,922
Webbing, elastic	–	–	2,738,108
Webbing, other	–	–	1,929,641
Weeders	No.	2,206	474,441
Weed killer	–	–	2,692,301
Welding apparatus, arc	–	–	1,589,737
Welding apparatus, gas and other	–	–	584,898
Welding compounds and fluxes	–	–	24,401
Welding apparatus with control equipment and accessories	–	–	2,170,405
Welding electrodes	ton	13,014	3,887,917
Welting	yds.	8,776,455	824,457
Wheelbarrows and parts	–	–	611,965
Wheels, automobile	–	–	1
Wheels, railway car*	ton	125,370	7,779,926
Wheels, not specified*	–	–	205,021
Whey	–	–	1
Whips	No.	4,417	3,518
Whiskies (see "Spirits")			
Whisks	doz.	46,676	179,525
Windows, complete, aluminum and other	–	–	12,501,040
Wine cocktails	–	–	1
Wine sold during the year	gal.	4,355,934	10,952,615
Wine produced and placed in storage for maturing*	"	4,135,190	2,667,890
Wine spirit	–	–	1
Wiping cloths and rags, washed and sterlized	lb.	15,574,287	3,971,074
Wiping cloths and rags, other	–	–	373,471
Wire, brass and copper	–	–	1
Wire, gold filled and alloys	–	–	1
Wire, steel:			
Barbed:			
Quantity made	ton	7,410	
Quantity shipped	"	7,278	1,209,228
Cold rolled flat, all sizes:			
Quantity made	"	2,697	
Quantity shipped	"	1,541	462,592
Galvanized:			
Quantity made	"	55,518	
Quantity shipped	"	25,746	5,357,696
Plain:			
Quantity made	"	247,374	
Quantity shipped	"	89,161	15,835,082
Strand, twisted:			
Quantity shipped	"	7,870	2,693,564
Other, coated:			
Quantity made	"	2,101	
Quantity shipped	"	1,637	424,027
Wire and cable, electrical	–	–	123,298,751
Wire rope and cable, n.s.	–	–	10,911,582
Wire cloth, all metals, including screen cloth	–	–	9,396,772
Wire mesh, steel, woven or welded	–	–	2,335,329
Wire netting	–	–	1
Wire goods, not specified	–	–	6,758,262
Wiring devices, not elsewhere specified	–	–	14,794,119
Wooden products, n.e.s.	–	–	4,917,959
Wood flour	–	–	1
Woodenware, kitchen	–	–	72,768
Woodenware, not specified	–	–	1,162,310
Wood preservation	–	–	1
Wood preservatives	–	–	617,285
Wood turning, n.s.	–	–	878,045
Woodwork, sanitary	–	–	468,678
Wool pulled	lb.	2,147,003	1,541,251
Wool tops	–	–	1
Wool noils	–	–	1
Wool or part wool, reworked or reprocessed	lb.	11,419,843	3,084,597
Woollen cloth, woven:			
Suitings, dress goods, overcoatings, etc.:			
All wool, woollen	sq. yd.	14,931,172	22,560,776
All wool, worsted	"	7,740,474	18,140,117
Woollen and worsted, mixed	"	233,414	578,396
Cotton warp, woollen	"	454,837	400,136
Other woollen and mixtures	"	5,937,335	6,900,141
Other woven fabrics, wool or containing wool	"	337,573	606,600
Woven goods (not fabric)	–	–	193,317

1. Indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Commodities, 1953 — Continued

Items	Unit of measure	Quantity	Value of factory shipment
			$
Wrappers, waxed (see "Paper, waxed")			
Wrappers, paper, other than waxed (see also "Boxes, paper, corrugated")	—	—	885,131
Wrappers, printed	—	—	4,666,158
Wringers, clothes	No.	146,590	1,714,091
Xylol	—	—	1
Yarns, spun for sale:			
Cotton:			
Grey, knitting	lb.	15,504,871	11,716,099
Grey, other, singles	"	8,277,825	5,890,071
Grey, other, plied	"	13,886,314	9,869,804
Bleached, knitting	"	556,951	544,863
Bleached, other	"	182,664	186,023
Coloured, knitting	"	2,485,938	2,221,749
Coloured, other	"	1,644,768	1,540,665
Other, including mercerized	"	3,068,928	2,879,749
Cotton and wool mixed:			
Grey	"	311,302	363,119
Bleached and coloured	"	53,789	75,083
Rayon, thrown	"	3,776,708	3,399,883
Nylon, thrown and other	"	1,402,033	5,220,921
Rubber covered	—	—	1
Synthetic mixtures	lb.	1,611,302	2,177,617
Synthetic singles	"	34,455,640	38,206,596
Spun rayon and spun rayon mixtures	"	5,198,435	4,196,158
Woollen:			
Hand knitting	"	523,270	887,385
Machine knitting	"	4,786,636	6,346,309
Weaving	"	1,197,810	2,348,267
Carpet	"	1,237,241	1,537,003
Not specified	"	124,810	381,439
Worsted, oil spun:			
Hand knitting	"	1,662,334	5,251,241
Machine knitting	"	4,604,419	11,535,020
Weaving	"	1,002,594	1,743,153
Carpet	"	8,311	17,890
Worsted, dry spun:			
Weaving	"	587,323	1,467,690
Knitting	"	1,094,183	3,011,645
Not specified	"	960,140	1,623,277
Yarns, not specified	—	—	3,897,856
Yeast, dry, bakers'	lb.	1,163,604	1,975,932
Yeast, dry, brewers'	"	2,275,326	216,823
Yeast, fresh (for sale)	"	25,138,975	4,126,107
Yeast, made for own use in breweries	"	3,590,406	—
Yeast food, bread improver, etc.	"	7,193,877	933,327
Yoghourt	gal.	53,819	176,765
Zinc, refined, zinc alloys, etc.	lb.	5,991,131	903,297
Zinc chloride	—	—	1
Zinc naphthanate	—	—	1
Zinc oxide and zinc dust	—	—	1
Manufactured food products, packaged only	lb.	15,515,414	3,037,939
Amount received by clothing contractors	—	—	16,277,337
Inter-company transfers	—	—	1,406,734
All other products, not specified:			
Foods and beverages	—	—	11,364,704
Tobacco and tobacco products	—	—	—
Rubber products	—	—	1,021,299
Leather products	—	—	3,823,896
Textiles	—	—	2,399,818
Knitting mills	—	—	37,068
Clothing	—	—	2,825,044
Wood products	—	—	3,738,187
Paper products	—	—	2,934,864
Printing, publishing and allied industries	—	—	7,911,212
Iron and steel products	—	—	143,627,169
Transportation equipment	—	—	98,465,879
Non-ferrous metal products	—	—	19,629,365
Electrical apparatus and supplies	—	—	15,162,099
Non-metallic mineral products	—	—	6,574,187
Products of petroleum and coal	—	—	2,883,478
Chemicals and allied products	—	—	20,232,964
Miscellaneous manufacturing industries	—	—	2,892,570
Custom work and repairs:			
Foods and beverages	—	—	5,088,945
Tobacco and tobacco products	—	—	—
Rubber products	—	—	—
Leather products	—	—	548,559
Textiles	—	—	3,641,123
Knitting mills	—	—	36,567
Clothing	—	—	1,501,242
Wood products	—	—	14,326,921
Paper products	—	—	89,078
Printing, publishing and allied industries	—	—	—
Iron and steel products	—	—	73,370,699
Transportation equipment	—	—	135,432,854
Non-ferrous metal products	—	—	2,069,366
Electrical apparatus and supplies	—	—	9,406,135
Non-metallic mineral products	—	—	367,944
Products of petroleum and coal	—	—	—
Chemicals and allied products	—	—	—

1. Indicates commodity was reported by only one or two concerns.

Alphabetical List of Commodities, 1953 — Concluded

Items	Unit of measure	Quantity	Value of factory shipment
			$
Custom work and repairs — Concluded:			
Miscellaneous manufacturing industries	—	—	17,552,671
Products which were reported by only one or two firms and for which figures cannot be shown separately (see commodities indicated by footnote 1)	—	—	663,345,499
Total Value of Products Listed	—	—	**18,236,346,544**
Adjustments due to valuation of intermediate products, excise taxes, etc.	—	—	450,929,690
Total	—	—	**17,785,416,854**

1. Indicates commodity was reported by only one or two concerns.

Note. In 1952 and subsequent years the basis of collection is "Value of Factory Shipments" instead of "Gross Value of Products". However, the commodities marked * are still on a production basis.

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